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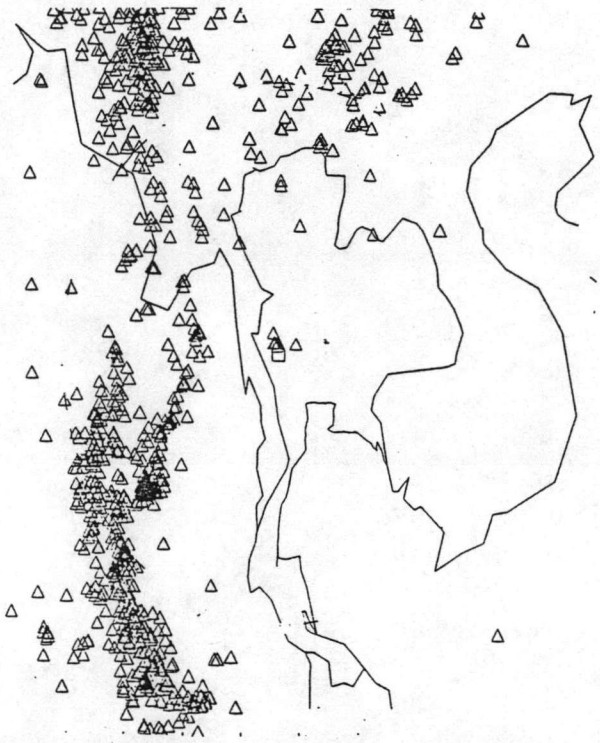
ภาคผนวก

ภาคผนวก ก.

แสดงข้อมูลแผ่นดินไหวในอดีตรอบ ๆ ประเทศไทย

ตั้งแต่ปี พ.ศ. 2506-พ.ศ. 2532



△ SITE OF EQ.

No.	SOURCE	D/M/Y	LAT	LONG	BODYMAG	SURMAG
1	CGS	02-Mar-63	23.8	92.2	4.2	
2	CGS	20-Mar-63	11.6	92.8	4.5	
3	CGS	06-Jun-63	6.5	94.6	5	
4	CGS	19-Jun-63	25	92.1	5.9	
5	CGS	21-Jun-63	24.9	92.1	5.7	
6	CGS	26-Jun-63	24.3	95.1	5.4	
7	CGS	27-Jun-63	14.4	93.7	5.2	
8	CGS	04-Sep-63	24.1	96	5	
9	CGS	28-Sep-63	22.9	94.5	5.6	
10	CGS	22-Nov-63	10.4	94	5.7	
11	CGS	30-Nov-63	6.6	94.2	5.3	
12	CGS	30-Dec-63	6.9	94.7	5.6	
13	CGS	22-Jan-64	22.4	93.6	6.1	
14	CGS	27-Feb-64	21.7	94.4	6.4	
15	CGS	28-Feb-64	18.2	94.3	5.3	
16	CGS	14-Mar-64	6.2	92.1	4.7	
17	CGS	20-Mar-64	23.6	94.4	5.7	
18	CGS	02-Apr-64	5.8	95.6	6.7	
19	CGS	02-Apr-64	5.5	95.7	5.1	
20	CGS	04-Apr-64	5.5	95.3	4.6	
21	ISC	22-Apr-64	11.79	95.02	5.1	
22	ISC	01-May-64	13.88	93.74	5.1	
23	ISC	13-Jun-64	10.04	92.9	5.2	
24	CGS	13-Jun-64	23	94	5.8	
25	CGS	15-Jun-64	5.4	97	5.5	
26	ISC	15-Jun-64	5.28	96.97	5.1	
27	CGS	23-Jun-64	13.9	94.7	5.1	
28	CGS	12-Jul-64	24.9	95.3	6.7	
29	CGS	13-Jul-64	23.7	94.7	6.5	
30	CGS	28-Jul-64	14.1	96.1	5.6	
31	CGS	28-Jul-64	14.3	96.2	5.5	
32	CGS	11-Aug-64	6.3	97.3	5.1	
33	CGS	17-Aug-64	24.2	94	4.7	
34	CGS	28-Aug-64	7.1	95.1	5.1	
35	CGS	28-Aug-64	7.6	95.6	5.2	
36	CGS	06-Sep-64	7.1	93.7	5.2	
37	CGS	15-Sep-64	8.9	93.1	6.2	
38	CGS	16-Sep-64	10.9	93.1	5.7	
39	CGS	04-Nov-64	24.8	96.1	4.8	
40	CGS	30-Nov-64	6.8	94.8	5.7	
41	CGS	01-Dec-64	10.6	93.4	4.7	
42	CGS	07-Jan-65	9.9	93.8	5	
43	CGS	22-Jan-65	20.1	94.5	5.5	
44	CGS	18-Feb-65	25	94.3	5.4	
45	CGS	25-Feb-65	23.8	94.8	5.4	
46	CGS	25-Apr-65	6.5	94.6	4.5	
47	CGS	26-Apr-65	11.2	94.2	5.2	
48	CGS	23-May-65	24	102.5	5.2	
49	CGS	01-Jun-65	20.3	95	5.5	
50	CGS	01-Jun-65	20.4	95	4.6	
51	CGS	11-Jun-65	24.8	95.5	5.3	
52	CGS	18-Jun-65	25	93.7	5.8	
53	CGS	26-Jun-65	9.2	93.8	4.4	
54	CGS	27-Jun-65	9	94	5	
55	CGS	03-Jul-65	22.6	101.4	5.3	
56	CGS	05-Jul-65	21.3	94	4.5	
57	CGS	17-Aug-65	5.3	96.2	4.9	
58	CGS	17-Aug-65	5.3	96.2	5.4	
59	CGS	19-Aug-65	13.6	93.8	4.5	
60	CGS	31-Aug-65	8	94.2	5	
61	CGS	22-Sep-65	20.7	99.3	5.5	

No.	SOURCE	D/M/Y	LAT	LONG	BODYMAG	SURMAG
62	CGS	24-Sep-65	5.2	96.2	5.3	
63	CGS	05-Oct-65	5.1	95.9	4.8	
64	CGS	15-Oct-65	14.3	93.7	5.3	
65	CGS	16-Oct-65	17.5	94.8	5.4	
66	CGS	03-Dec-65	5.6	95.4	4.7	
67	CGS	05-Dec-65	23.3	94.3	5.4	
68	CGS	15-Dec-65	22	94.4	5.4	
69	CGS	17-Dec-65	22	94.5	5.1	
70	CGS	04-Jan-66	12	95.4	5.1	
71	CGS	05-Jan-66	13.2	95.5	5.2	
72	CGS	16-Jan-66	9.1	93.8	5.2	
73	ISC	04-Mar-66	12	93.48	4.5	
74	CGS	04-Apr-66	11.8	95.2	4.9	
75	CGS	04-Apr-66	11.9	92.5	5.1	
76	CGS	04-Apr-66	11.8	92.5	5.1	
77	CGS	05-Apr-66	11.8	92.5	4.6	
78	ISC	05-Apr-66	11.85	92.48	4.5	
79	CGS	21-Apr-66	5.6	95.4	4.6	
80	CGS	26-Apr-66	24.7	96.4	4.8	
81	CGS	06-May-66	22.1	93.2	4.1	
82	CGS	23-May-66	24.2	95.6	4.6	
83	CGS	05-Jun-66	24.6	93.4	4.2	
84	CGS	09-Jun-66	7.7	94.2	5.2	
85	CGS	08-Jul-66	7.4	94.5	4.5	
86	CGS	12-Jul-66	9.6	92.9	4.4	
87	ISC	25-Jul-66	12.3	92.4	5.1	
88	CGS	04-Sep-66	12	92.9	5.2	
89	CGS	18-Sep-66	22.7	101.9	4.9	
90	CGS	18-Sep-66	22.8	102	5.3	
91	CGS	19-Sep-66	24	97.7	4.9	
92	CGS	20-Sep-66	24.2	97.7	5.1	
93	CGS	25-Sep-66	24.6	94.8	4.2	
94	CGS	26-Sep-66	15.3	96.3	4.8	
95	CGS	27-Sep-66	14.7	93.7	5.1	
96	CGS	02-Oct-66	24.4	94.8	5	
97	CGS	05-Oct-66	6.6	93.7	4.2	
98	CGS	18-Oct-66	24.3	94.9	5.2	
99	CGS	22-Oct-66	23.1	94.4	5.2	
100	CGS	27-Oct-66	23.9	93.8	4.5	
101	CGS	01-Nov-66	10.8	94.7	4.8	
102	CGS	19-Nov-66	18.4	95.3	5.3	
103	LAO	02-Dec-66	25	100	5.5	
104	CGS	15-Dec-66	21.5	94.4	5.6	
105	CGS	18-Dec-66	11.1	93.1	4.4	
106	CGS	01-Jan-67	7.6	94.4	4.2	
107	CGS	01-Jan-67	11	93.1	4.9	
108	CGS	04-Jan-67	23.6	94.2	5.1	
109	CGS	13-Jan-67	23.9	94.6	4.8	
110	CGS	22-Jan-67	8.7	93.6	4.9	
111	CGS	08-Feb-67	23.1	93.9	5.1	
112	CGS	11-Feb-67	12.1	94.3	5	
113	CGS	14-Feb-67	13.7	96.5	5.6	
114	CGS	15-Feb-67	20.3	94.1	5.5	
115	CGS	25-Feb-67	5.7	94	4.4	
116	CGS	11-Apr-67	6.9	97.1	4.9	
117	CGS	12-Apr-67	5.3	96.5	6.1	
118	CGS	12-Apr-67	5.5	96.7	5.7	
119	CGS	12-Apr-67	5.6	96.7	5	
120	CGS	12-Apr-67	5.3	96.6	5.1	
121	CGS	12-Apr-67	5.2	96.7	5.2	
122	ISC	12-Apr-67	5.08	96.66	4.6	
123	ISC	12-Apr-67	5.25	96.75	5.2	
124	CGS	13-Apr-67	5.5	96.6	5.2	
125	ISC	14-Apr-67	5.05	96.64	4.9	
126	ISC	15-Apr-67	24.04	95	4.7	
127	CGS	21-Apr-67	5.3	96.8	4.8	

No.	SOURCE	D/M/Y	LAT	LONG	BODYMAG	SURMAG
128	CGS	22-Apr-67	5.1	96.4	5.4	
129	CGS	23-Apr-67	25	94.7	4.8	
130	CGS	28-Apr-67	5.3	96.7	5.1	
131	CGS	15-May-67	5.3	96.6	5	
132	CGS	17-Jun-67	23.1	94.7	4.5	
133	CGS	26-Jun-67	22.7	93.9	4.7	
134	CGS	02-Jul-67	8.7	93.8	5.7	
135	CGS	02-Jul-67	8.5	93.7	5.2	
136	CGS	02-Jul-67	8.5	93.8	4.9	
137	CGS	02-Jul-67	8.6	93.8	4.5	
138	BUL	02-Jul-67	8.5	93.8	4.7	
139	ISC	02-Jul-67	8.73	93.83	4.4	
140	CGS	14-Aug-67	5.4	96.6	5.2	
141	CGS	27-Aug-67	23.1	94.2	4.5	
142	CGS	06-Sep-67	24.1	91.7	5	
143	CGS	06-Sep-67	14.7	93.6	5.6	
144	CGS	18-Oct-67	23.4	94.9	4.8	
145	CGS	12-Nov-67	6.1	95.2	4.7	
146	CGS	14-Nov-67	24	91.5	5.1	
147	CGS	10-Dec-67	22.5	94.8	5.2	
148	CGS	20-Dec-67	11.8	93	5.4	
149	CGS	21-Dec-67	11.8	93.1	5	
150	ISC	04-Jan-68	13.33	91.89	4.8	
151	CGS	06-Jan-68	16.4	92.1	5.1	
152	CGS	12-Jan-68	13.4	93.1	5.5	
153	CGS	18-Jan-68	24.3	93.2	4.7	
154	CGS	12-Feb-68	22.9	95.4	4.7	
155	CGS	24-Feb-68	8.7	94	4.7	
156	CGS	08-Mar-68	8.7	94.1	1.6	
157	CGS	09-Mar-68	8.7	94	5	
158	ISC	31-Mar-68	12.9	94	5	
159	CGS	13-Apr-68	24.6	94.8	4.7	
160	CGS	09-Jun-68	6.4	95.2	4.2	
161	CGS	12-Jun-68	24.9	91.9	5.3	
162	CGS	18-Jul-68	8.9	93.9	4.8	
163	CGS	18-Jul-68	8.8	93.8	4.3	
164	CGS	19-Jul-68	8.7	93.6	5.3	
165	CGS	19-Jul-68	8.9	93.8	4.8	
166	CGS	19-Jul-68	8.7	93.7	5.1	
167	CGS	05-Sep-68	14.7	96.8	4.8	
168	CGS	10-Sep-68	15.2	93.2	4.2	
169	CGS	03-Oct-68	18.3	94.8	4.9	
170	CGS	06-Oct-68	10	93.7	5.1	
171	CGS	14-Oct-68	12.6	95.2	5.5	
172	CGS	15-Oct-68	6.1	95.5	4.9	
173	CGS	18-Oct-68	12.3	95.1	4.6	
174	CGS	12-Nov-68	5.54	94.79	4.5	
175	CGS	19-Nov-68	8.7	94.1	4.9	
176	CGS	05-Dec-68	5.1	95.8	4.8	
177	CGS	27-Dec-68	24.1	91.6	5.2	
178	CGS	25-Jan-69	22.9	92.3	5.2	
179	CGS	09-Feb-69	21.6	101.3	5	
180	CGS	18-Feb-69	24.5	95.4	5	
181	CGS	02-Apr-69	8.7	93.9	4.5	
182	CGS	25-Apr-69	5	97.9	4.9	
183	CGS	30-Apr-69	8.2	93	5	
184	CGS	03-Jun-69	6.7	94.8	4.5	
185	CGS	18-Jun-69	5.9	94.7	5.1	
186	CGS	02-Jul-69	20.7	99.4	5	
187	CGS	10-Aug-69	22	94.4	4.9	
188	CGS	29-Sep-69	24.8	95.3	4.9	
189	CGS	17-Oct-69	23.1	94.7	6	
190	CGS	29-Oct-69	23.6	94.3	4.6	
191	CGS	04-Dec-69	12.4	93.7	5.3	
192	CGS	19-Dec-69	24.4	93.6	4.7	
193	CGS	04-Jan-70	24.1	102.5	5.9	

No.	SOURCE	D/M/Y	LAT	LONG	BODYMAG	SURMAG
194	CGS	04-Jan-70	24.2	102.5	5.2	
195	CGS	04-Jan-70	24.3	102.3	4.9	
196	CGS	04-Jan-70	24.1	102.5	5	
197	ISC	04-Jan-70	24.15	102.53	4.9	
198	CGS	05-Jan-70	24.1	102.5	4.3	
199	CGS	05-Jan-70	24	102.7	4.9	
200	CGS	05-Jan-70	23.9	102.2	4.8	
201	CGS	05-Jan-70	23.9	102.6	4.7	
202	CGS	07-Jan-70	24.3	102.4	4.8	
203	CGS	07-Jan-70	24	102.7	4.6	
204	CGS	08-Jan-70	23.9	102.8	4.6	
205	CGS	09-Jan-70	23.8	102.6	5	
206	CGS	12-Jan-70	23.9	102.9	4.5	
207	CGS	14-Jan-70	24.3	102.2	5.2	
208	CGS	21-Jan-70	7.6	94.3	5	
209	CGS	05-Feb-70	24.3	102.3	5.2	
210	CGS	06-Feb-70	23.1	100.8	5.4	
211	LEE	06-Feb-70	23.08	101.03	6.2	
212	CGS	06-Feb-70	23	100.8	4.8	
213	CGS	08-Feb-70	6.7	93.5	5.2	
214	CGS	24-Feb-70	13.4	93.3	5.1	
215	CGS	11-Mar-70	23.8	102.8	4.3	
216	CGS	12-Mar-70	24.2	102.8	5.2	
217	CGS	13-Mar-70	24.9	93.9	4.9	
218	CGS	06-May-70	9.8	92.9	5.3	5.1
219	CGS	24-May-70	9.8	92.9	4.8	
220	CGS	29-May-70	24	94.1	5	
221	CGS	17-Jun-70	24.1	102.4	4.8	
222	CGS	07-Jul-70	24.8	94.2	4.2	
223	CGS	13-Aug-70	24.7	93.9	4.7	
224	CGS	25-Aug-70	12.4	91.2	4.6	
225	CGS	28-Aug-70	24.7	91.7	4.9	
226	CGS	14-Oct-70	21.9	94.2	5.2	
227	CGS	18-Oct-70	10.8	93.5	5.3	
228	CGS	25-Oct-70	9.1	94	4.9	
229	CGS	25-Oct-70	9	94	5.1	
230	CGS	25-Oct-70	9	94	4.8	
231	CGS	25-Oct-70	9.1	94	5	
232	CGS	25-Oct-70	9	93.7	5.5	
233	CGS	25-Oct-70	9	94	5.1	
234	CGS	25-Oct-70	9	94.1	4.9	
235	CGS	25-Oct-70	9.1	94.1	4.9	
236	CGS	25-Oct-70	9	94	4.8	
237	CGS	25-Oct-70	9.1	94.1	4.9	
238	CGS	25-Oct-70	9.1	94.4	4.9	
239	ISC	25-Oct-70	9.15	94.1	4.8	
240	CGS	27-Nov-70	6.5	94.7	5.2	
241	ISC	25-Dec-70	24.49	96.42	4.5	
242	CGS	26-Dec-70	9.3	94.1	5.4	
243	CGS	26-Dec-70	9.4	94	4.8	
244	CGS	27-Dec-70	9.2	94.1	4.6	
245	CGS	31-Dec-70	12.3	92.5	5	
246	ISC	26-Jan-71	6.12	94.91	5	
247	ISC	02-Feb-71	23.71	91.66	5.4	
248	MOS	25-Feb-71	10.6	94.1	5.4	
249	ISC	25-Feb-71	11.29	93.77	4.8	
250	MOS	28-Mar-71	12.9	96.1	5	
251	ISC	28-Mar-71	19.01	96.32	4.6	
252	ISC	28-Mar-71	11.4	95.3	5	
253	ISC	28-Mar-71	12.12	95.22	5.2	
254	ISC	28-Mar-71	11.1	94.9	5.1	
255	ISC	28-Mar-71	12.21	94.77	4.8	
256	ISC	28-Mar-71	11.78	95.08	4.6	
257	ISC	29-Mar-71	11.16	95.11	5.1	
258	ISC	28-Apr-71	22.98	101.02	5.6	
259	ISC	11-May-71	24.34	94.82	4.7	

No.	SOURCE	D/M/Y	LAT	LONG	BODYMAG	SURMAG
260	ISC	05-Jun-71	9.38	92.46	5.3	
261	ISC	09-Jun-71	6.63	93.89	5	
262	ISC	16-Jun-71	23.78	94.31	4.6	
263	ISC	23-Jun-71	10.72	93.74	4.6	
264	ISC	26-Jun-71	24.6	94.78	5	
265	NEIS	29-Jun-71	6.71	94.2	4.7	
266	ISC	17-Jul-71	6.98	94.65	5.6	
267	ISC	27-Jul-71	13.71	95.87	5.3	
268	ISC	05-Aug-71	12.45	95.1	4.8	
269	ISC	05-Aug-71	12.6	94.78	4.9	
270	ISC	12-Aug-71	12.5	95.08	5.3	
271	ISC	11-Sep-71	15.32	96.32	4.8	
272	ISC	11-Sep-71	15.14	96.33	5	
273	ISC	11-Sep-71	15.19	96.43	4.6	
274	ISC	14-Sep-71	22.97	100.71	5.3	
275	ISC	10-Oct-71	23	95.92	4.9	
276	ISC	10-Oct-71	24.97	95.29	4.7	
277	ISC	14-Oct-71	23.06	95.56	5.1	
278	ISC	05-Nov-71	10.11	92.93	5.9	
279	ISC	11-Nov-71	21.44	93.88	5	
280	ISC	01-Dec-71	13.82	96	4.6	
281	ISC	28-Dec-71	9.06	94.11	5.1	
282	ISC	23-Jan-72	23.59	102.72	5.1	
283	ISC	30-Jan-72	5.15	96.8	4.5	
284	ISC	02-Feb-72	10.33	93.71	4.8	
285	NEIS	03-Feb-72	23.4	102.4	4.5	4.2
286	ISC	04-Feb-72	7.95	94.03	5.2	
287	ISC	22-Feb-72	10.42	92.48	5.4	
288	NEIS	07-Mar-72	23.3	94.9	4.3	
289	ISC	01-Apr-72	22.94	94.83	4.4	
290	ISC	22-Apr-72	17.43	94.34	4.8	
291	ISC	28-Apr-72	16.99	94.85	5.3	
292	ISC	18-May-72	21.37	94.58	4.9	
293	ISC	07-Jul-72	20.49	98.14	4.8	
294	NEIS	09-Jul-72	25	95.5	4.2	
295	ISC	11-Jul-72	24.24	94.6	4.6	
296	MOS	16-Jul-72	21.9	103.9	4.8	5
297	ISC	09-Aug-72	8.04	94.13	5.2	
298	ISC	09-Aug-72	7.95	94.22	5	
299	MOS	14-Aug-72	6	95.3	4.93	
300	ISC	27-Aug-72	22.67	100.64	4.6	
301	ISC	20-Sep-72	12.43	92.28	4.7	
302	ISC	25-Sep-72	9.67	93.7	5.2	
303	ISC	02-Oct-72	18.9	95.13	4.7	
304	ISC	11-Nov-72	24.75	95.58	4.8	
305	MOS	13-Nov-72	11.6	95.9	4.94	
306	ISC	13-Nov-72	12.44	95.23	5	
307	ISC	22-Nov-72	25.09	96.25	5	
308	ISC	08-Dec-72	11.82	93.23	4.4	
309	ISC	18-Dec-72	21.25	94.35	5	
310	MOS	15-Jan-73	11.2	93.9	5.12	
311	ISC	10-Feb-73	24.43	94.53	4.3	
312	HFS	14-Feb-73	6	95	4.6	
313	ISC	16-Feb-73	6.74	94.2	4.8	
314	ISC	07-Mar-73	10.08	93.46	4.5	
315	ISC	22-Mar-73	22	100.81	4.5	
316	ISC	24-Mar-73	21.42	98.46	4.5	
317	NEIS	07-Apr-73	6.966	91.384	5.9	
318	ISC	07-Apr-73	7	91.32	5.8	
319	ISC	07-Apr-73	6.9	91.39	4.8	
320	ISC	10-Apr-73	12.1	93.14	4.7	
321	ISC	12-Apr-73	7.53	94.97	4.7	
322	ISC	07-May-73	7.13	91.22	4.9	
323	ISC	23-May-73	24.6	94.9	4.2	
324	ISC	31-May-73	24.31	93.52	5.8	
325	ISC	01-Jun-73	24.85	98.51	4.5	

No.	SOURCE	D/M/Y	LAT	LONG	BODYMAG	SURMAG
326	ISC	09-Jun-73	11.59	95.09	4.9	
327	ISC	03-Jul-73	28	97	4.8	
328	ISC	04-Jul-73	23.6	94.86	5	
329	ISC	09-Jul-73	10.66	92.59	5.6	
330	ISC	12-Jul-73	24.05	95.06	4.3	
331	ISC	26-Jul-73	10.5	93.7	4.3	
332	NEIS	26-Jul-73	10.59	94.06	4.4	
333	NEIS	26-Jul-73	10.28	93.92	4.2	
334	MOS	26-Jul-73	9.5	93.9	4.9	
335	ISC	26-Jul-73	10.18	94.12	4.5	
336	ISC	26-Jul-73	10.3	93.8	4.4	
337	ISC	26-Jul-73	10.38	93.76	5	
338	ISC	27-Jul-73	23.27	94.49	5.4	
339	ISC	04-Aug-73	7	91.36	4.7	
340	ERC	16-Aug-73	23.05	101.11	5.4	6.4
341	ERC	16-Aug-73	23.19	100.94	5.1	
342	ISC	24-Aug-73	14.08	93.62	4.4	
343	NEIS	02-Sep-73	13.51	93.74	4.3	
344	ISC	30-Oct-73	20.97	93.29	4.7	
345	ISC	09-Nov-73	5.98	93.9	5.1	
346	ISC	15-Nov-73	10.09	93.69	5	
347	ISC	04-Dec-73	22.65	94.08	4.5	
348	ISC	26-Dec-73	22.43	93.38	4.8	
349	ISC	01-Jan-74	23.9	94.1	4.1	
350	ISC	01-Jan-74	4.64	95.87	5.1	
351	ISC	01-Jan-74	5.2	95.92	4.6	
352	ISC	07-Jan-74	23.43	94.72	4.7	
353	GS	20-Jan-74	22.84	92.94	4.8	
354	ISC	11-Feb-74	6.86	91.31	4.8	
355	ISC	16-Feb-74	11.47	92.32	5.2	
356	ISC	16-Feb-74	11.5	92.53	5.2	
357	ISC	16-Feb-74	11.48	92.22	4.7	
358	ISC	05-Mar-74	23.1	94.8	4.6	
359	ISC	20-Mar-74	23.05	95.8	4.7	
360	ISC	25-Mar-74	17.42	94.06	4.9	
361	ISC	05-Apr-74	21.33	93.68	5	
362	HFS1	05-Apr-74	25	97	4.9	
363	ISC	10-Apr-74	11.8	92.9	4.4	
364	ISC	20-Apr-74	6.96	94.92	4.4	
365	ISC	22-Apr-74	14.22	94.06	4.8	
366	CGS	25-May-74	24.67	95.13	4.5	
367	ISC	02-Jun-74	7.49	94.7	4.3	
368	ISC	06-Jun-74	7	91.2	4.4	
369	NEIS	22-Jun-74	23.1	94.8	3.9	
370	ISC	27-Jun-74	10.48	92.76	5.2	
371	ISC	07-Jul-74	5.18	96.31	4.9	
372	ISC	23-Jul-74	22	93.3	4.7	
373	ISC	30-Aug-74	22.97	94.62	4.5	
374	ISC	21-Sep-74	24.14	94.63	4.6	
375	ISC	16-Nov-74	20.1	98.2	4.6	
376	ISC	16-Nov-74	24.9	95.43	4.6	
377	ISC	21-Nov-74	19.99	94.99	4.8	
378	ISC	02-Dec-74	24.44	95.31	4.9	
379	ISC	07-Dec-74	23.88	93.69	4.7	
380	ISC	17-Jan-75	22.79	94.04	4.5	
381	ISC	22-Jan-75	14.67	96.25	5.1	
382	ISC	17-Feb-75	17.65	97.84	5.5	
383	NEIS	03-Mar-75	22.35	94.55	4.4	
384	ISC	03-Mar-75	24.11	93.5	4.8	
385	ISC	04-Mar-75	10.6	93.2	4.9	
386	ISC	13-Mar-75	11.05	95.05	4.8	
387	ISC	13-Mar-75	17	93.84	4.3	
388	ISC	18-Mar-75	22.86	105.27	4.8	
389	HFS1	29-Mar-75	22	91	5.2	
390	ISC	22-Apr-75	6.2	95.18	4.8	
391	ISC	30-Apr-75	20.2	101	4.4	

No.	SOURCE	D/M/Y	LAT	LONG	BODYMAG	SURMAG
392	ISC	14-May-75	13	94.5	4.5	
393	ISC	15-May-75	12.2	93.77	4.8	
394	ISC	21-May-75	23.86	94.09	5.3	
395	ISC	01-Jun-75	11.4	94.5	4.4	
396	HFS1	28-Jun-75	8	92	4.4	
397	HFS1	24-Jun-75	8	94	4.6	
398	ISC	28-Jun-75	22.64	94.89	4.8	
399	ISC	30-Jun-75	13.13	93.18	4.9	
400	ISC	08-Jul-75	21.42	94.62	5.9	
401	ISC	08-Jul-75	21.37	94.8	4.3	
402	ISC	09-Jul-75	21.6	94.82	4.8	
403	NEIS	09-Jul-75	24.07	103.34	4.9	
404	NEIS	18-Aug-75	22.73	105.16	4.9	
405	ISC	29-Aug-75	8.86	94.29	4.9	
406	ISC	06-Sep-75	20.2	93.5	4.8	
407	ISC	11-Sep-75	20.78	99.2	4.5	
408	ISC	17-Sep-75	22.29	94.22	4.7	
409	ISC	18-Sep-75	19.99	98.52	4.7	
410	ISC	29-Sep-75	18.24	96.4	5.2	
411	ISC	13-Oct-75	10.8	92.42	4.4	
412	ISC	21-Oct-75	22.92	94.34	4.9	
413	ISC	21-Oct-75	21.44	101.67	4.8	
414	ISC	27-Oct-75	21.58	101.64	5	
415	ISC	28-Oct-75	8.68	94.18	4.9	
416	HFS1	04-Nov-75	24	93	5.2	
417	ISC	05-Nov-75	7.39	94.39	5.3	
418	ISC	05-Nov-75	7.44	94.45	5.1	
419	ISC	06-Nov-75	7.26	94.5	4.8	
420	HFS1	06-Nov-75	8	93	4.5	
421	ISC	19-Nov-75	21.55	94.85	4.5	
422	ISC	13-Dec-75	23.62	94.27	5.2	
423	ISC	17-Dec-75	5.25	95.83	5.6	
424	ISC	30-Dec-75	18.15	96.52	4.9	
425	ISC	31-Dec-75	14.54	93.73	4.9	
426	GS	31-Jan-76	9.701	92.751	4.7	
427	GS	01-Feb-76	24.41	93.5	4	
428	ISC	14-Feb-76	8.6	93.77	4	
429	GS	16-Feb-76	22.74	100.71	5	5.2
430	GS	17-Feb-76	20.27	96.09	4.3	
431	GS	19-Feb-76	22.787	100.604	5.1	
432	BKK	03-Mar-76	18	96.58	4.4	
433	GS	20-Mar-76	19.233	94.952	4.6	
434	GS	25-Mar-76	7.448	94.369	5	
435	GS	25-Mar-76	7.343	94.485	4.6	
436	GS	25-Mar-76	7.477	94.293	5.3	4.8
437	GS	25-Mar-76	5.208	94.963	5.2	
438	GS	30-Mar-76	24.265	94.266	4.6	
439	ISC	04-Apr-76	21.29	93.76	5.2	3.9
440	GS	05-Apr-76	21.82	95.42	4.8	5.5
441	GS	16-Apr-76	7.63	94.41	4.4	
442	HFS2	16-Apr-76	8	94	4.8	
443	GS	16-Apr-76	7.49	94.4	5.2	
444	GS	16-Apr-76	7.5	94.6	4.8	
445	GS	16-Apr-76	7.34	94.6	5	
446	GS	17-Apr-76	6.36	97.66	5.4	
447	GS	19-Apr-76	12.03	92.86	4.1	
448	GS	21-Apr-76	10.28	92.88	5.7	
449	GS	15-May-76	17.59	95.31	4.8	
450	GS	29-May-76	24.47	98.89	4.9	
451	GS	29-May-76	24.57	98.95	6.1	6.9
452	GS	29-May-76	24.53	98.71	6	7
453	GS	29-May-76	24.39	98.77	4.9	
454	GS	29-May-76	24.32	98.76	4.5	
455	GS	29-May-76	24.47	98.65	4	
456	GS	29-May-76	24.54	98.93	5.2	
457	GS	29-May-76	24.42	98.78	4	

No.	SOURCE	D/M/Y	LAT	LONG	BODYMAG	SURMAG
458	GS	30-May-76	24.75	98.76	4	
459	GS	30-May-76	24.42	98.81	5.1	
460	GS	30-May-76	24.54	98.87	4.8	
461	GS	31-May-76	24.34	98.64	5.5	6.2
462	GS	31-May-76	13.42	93.55	4.4	
463	GS	31-May-76	24.38	98.77	5.2	5.5
464	GS	03-Jun-76	24.24	98.67	4.8	
465	GS	08-Jun-76	24.18	98.66	4.5	
466	GS	09-Jun-76	24.89	98.75	5.7	5.9
467	GS	09-Jun-76	24.68	98.62	4.4	
468	GS	20-Jun-76	24.56	98.64	4.7	
469	GS	20-Jun-76	24.75	98.61	4.1	
470	ISC	20-Jun-76	3.6	96.8	5.1	
471	GS	25-Jun-76	14.79	93.65	3.8	
472	GS	30-Jun-76	22.76	94.64	4	
473	GS	03-Jul-76	24.19	98.68	5.3	5.4
474	GS	13-Jul-76	24.55	98.9	4.5	
475	GS	21-Jul-76	24.78	98.7	5.8	6.3
476	GS	23-Jul-76	24.89	98.68	5	4.9
477	GS	27-Jul-76	8.25	94.73	5.3	4.9
478	GS	27-Jul-76	8.21	94.37	4.9	
479	GS	28-Jul-76	8.08	93.61	4.4	
480	GS	01-Aug-76	24.81	98.7	4.4	
481	GS	03-Aug-76	14.88	95.42	4.3	
482	GS	04-Aug-76	24.69	98.96	4.1	
483	GS	05-Aug-76	6.98	94.31	5.6	
484	GS	19-Sep-76	22.44	100.98	4.9	4.5
485	GS	24-Sep-76	24.05	95.01	4.6	
486	GS	25-Sep-76	10.92	92.47	4.7	
487	GS	29-Sep-76	17.18	94.12	3.8	
488	GS	09-Oct-76	23.92	102.45	5	
489	GS	12-Oct-76	24.48	98.81	5	
490	GS	16-Oct-76	21.38	99.73	4.8	
491	GS	30-Oct-76	12.34	93.62	4.7	
492	GS	03-Nov-76	24.96	99.17	4.8	
493	GS	06-Dec-76	24.21	94.56	4.7	
494	GS	08-Dec-76	24.58	99.05	4.5	
495	GS	11-Dec-76	7.49	93.81	5.6	5.9
496	GS	11-Dec-76	7.6	94.03	5	
497	GS	12-Dec-76	7.54	94.07	4.9	
498	ISC	14-Dec-76	7.57	90.07	4.7	
499	GS	15-Dec-76	23.13	94.61	5	
500	GS	18-Dec-76	7.8	94.3	4.7	
501	GS	07-Jan-77	24.16	98.45	4.6	
502	GS	25-Jan-77	17.33	94.17	4.8	
503	GS	29-Jan-77	15.24	96.52	4.9	4.6
504	GS	06-Feb-77	24.31	92.88	4.7	
505	GS	09-Feb-77	11.72	92.36	4.7	
506	GS	19-Feb-77	8.36	93.77	5.1	
507	ISC	03-Mar-77	7.3	94.3	4.4	
508	GS	13-Apr-77	5.34	96.64	4.6	
509	GS	12-May-77	21.75	92.99	5.4	5.7
510	GS	21-Jul-77	7.06	94.39	4.7	
511	GS	22-Jul-77	9.34	93.14	5.4	
512	GS	21-Jul-77	12.2	92.78	4.7	
513	GS	31-Jul-77	20.22	94	4.5	
514	GS	31-Aug-77	9.45	93.25	4.9	
515	GS	01-Oct-77	9.48	93.71	4.9	
516	GS	13-Oct-77	9.5	93.93	5	
517	GS	13-Oct-77	9.49	93.91	4.8	
518	GS	13-Nov-77	23.48	93.35	5.2	
519	GS	13-Oct-77	9.46	93.79	5.1	
520	GS	19-Oct-77	23.23	107.59	4.9	
521	GS	29-Nov-77	22.16	94.75	4.4	
522	GS	21-Dec-77	23.85	95.85	4.7	
523	GS	23-Dec-77	23.64	92.39	5.1	5.9

No.	SOURCE	D/M/Y	LAT	LONG	BODYMAG	SURMAG
524	GS	02-Jan-78	9.26	92.6	4.8	
525	GS	08-Jan-78	24.76	95.17	5.1	
526	GS	27-Jan-78	8.12	94.02	4.7	4.6
527	GS	29-Jan-78	11.78	92.85	4.2	
528	GS	03-Feb-78	23.04	94.71	5.1	
529	GS	07-Feb-78	12.79	93.02	5.5	5.3
530	GS	07-Feb-78	12.68	93.03	5	
531	GS	07-Feb-78	12.86	93.07	5.6	5.6
532	GS	07-Feb-78	12.71	93.11	4.9	
533	GS	07-Feb-78	12.79	93.02	4.3	
534	GS	07-Feb-78	12.73	93.1	4.8	
535	ISC	08-Feb-78	12.96	92.98	4.5	
536	GS	09-Feb-78	23.95	94.82	4.9	
537	GS	09-Feb-78	12.73	93.05	4.4	
538	GS	11-Feb-78	24.35	94.78	4.8	
539	GS	15-Feb-78	12.75	93.06	4.9	
540	ISC	15-Feb-78	13.5	93.9	4.3	
541	GS	22-Feb-78	23.28	94.14	5	
542	GS	23-Feb-78	23.09	94.76	5.1	
543	GS	07-Mar-78	15.12	95.45	4.4	
544	GS	18-Mar-78	24.28	92.87	4.6	
545	GS	25-Mar-78	10.14	93.17	4.8	
546	GS	28-Mar-78	24.33	94.33	4.3	
547	GS	28-Mar-78	23.21	92.9	4.8	
548	GS	31-Mar-78	24.91	94.62	4.6	4
549	GS	07-Apr-78	22.66	92.43	4.6	
550	GS	13-Apr-78	11.98	93.06	4.9	4.5
551	GS	13-Apr-78	11.92	92.88	4.8	4.45
552	GS	19-Apr-78	6.27	95.15	4.3	
553	GS	26-Apr-78	6.44	95.06	4.9	
554	GS	27-Apr-78	23.63	94.63	4.5	
555	ISC	27-Apr-78	22.09	96.05	4.3	
556	ISC	03-May-78	6.62	95.59	4.2	
557	GS	04-May-78	23.03	99.48	4.3	
558	GS	05-May-78	15.16	96.54	4.9	4.7
559	GS	20-May-78	10.96	94.55	4.9	4.1
560	ISC	23-May-78	7.6	94.2	4.3	
561	GS	25-May-78	19.28	99.07	4.8	4.6
562	ISC	29-May-78	23.3	101.7	4.3	
563	GS	07-Jun-78	6.34	94.15	5	4.5
564	GS	10-Jun-78	22.87	94.61	4.5	
565	GS	03-Jul-78	23.03	94.41	4.3	
566	GS	23-Jul-78	22.86	94.58	4.7	
567	ISC	02-Aug-78	5.57	94.81	4.9	
568	GS	02-Aug-78	20.51	100.58	5.1	5.2
569	GS	14-Aug-78	5.52	94.69	5.1	
570	GS	31-Aug-78	10.68	93.12	4.9	
571	GS	01-Sep-78	20.42	100.53	4.9	
572	GS	09-Sep-78	22.99	101.07	5.1	5.3
573	GS	12-Sep-78	22.91	101.15	4.6	
574	GS	18-Sep-78	22.78	94.73	4.1	
575	ISC	22-Sep-78	23.72	94.71	4.5	
576	GS	28-Sep-78	21.79	101.91	4.3	
577	GS	29-Sep-78	21.38	94.72	4.5	
578	GS	30-Sep-78	16.6	95.86	5.5	5.8
579	ISC	04-Oct-78	16.5	90.72	4.4	
580	ISC	06-Oct-78	24	95	4.2	
581	GS	10-Oct-78	8.79	94.43	4.8	
582	GS	10-Oct-78	24.31	93.67	4.7	
583	GS	20-Oct-78	24.25	94.77	4.8	4.8
584	GS	24-Oct-78	14.56	96.51	5	5.1
585	ISC	27-Oct-78	22.21	94.53	4.6	
586	GS	05-Nov-78	19.58	93.81	4.4	
587	ISC	05-Dec-78	24.31	98.57	4.2	
588	GS	08-Dec-78	16.57	95.95	5	4.95
589	GS	08-Dec-78	22.3	94.33	4.4	

No.	SOURCE	D/M/Y	LAT	LONG	BODYMAG	SURMAG
590	GS	12-Dec-78	20.37	100.62	4.6	
591	ISC	14-Dec-78	22.7	93.7	4.3	
592	GS	21-Dec-78	23.17	96.2	4.4	
593	GS	29-Dec-78	23.56	92.97	4.8	4
594	GS	30-Dec-78	24.46	93.92	4.6	
595	GS	01-Jan-79	20.9	93.75	5.3	4.7
596	ISC	09-Jan-79	24.96	92.5	4.3	
597	GS	09-Jan-79	20.91	101.77	4.8	
598	GS	09-Jan-79	20.97	102.02	4.9	4.7
599	GS	20-Jan-79	15.85	96.26	4.1	
600	GS	22-Jan-79	20.34	100.75	4.5	4.45
601	GS	28-Jan-79	24.61	91.17	4.9	4
602	GS	29-Jan-79	12.71	93.37	4.8	4.5
603	GS	06-Feb-79	10.47	92.36	4.8	
604	GS	18-Feb-79	22.97	95.94	5.1	4.7
605	GS	03-Mar-79	24.57	94.55	4.7	
606	GS	04-Mar-79	24.65	93.4	4.6	
607	GS	15-Mar-79	23.16	101.14	5.6	6.2
608	GS	15-Mar-79	23.05	101.23	4.3	
609	GS	16-Mar-79	5.23	96.33	5.6	5.8
610	GS	18-Mar-79	20.9	101.98	4.6	
611	GS	18-Mar-79	24.97	96.7	4.6	4.4
612	GS	25-Mar-79	22.78	94.55	4.5	
613	GS	28-Mar-79	24.9	94.96	4.5	
614	GS	29-Mar-79	24.5	94.72	5.3	4.6
615	GS	29-Mar-79	12.72	95.37	4.5	
616	GS	29-Mar-79	12.77	95.29	4.3	
617	ISC	08-Apr-79	15.26	96.46	4.2	
618	GS	08-Apr-79	15.25	96.46	4.8	
619	GS	08-Apr-79	14.95	96.29	4.6	
620	ISC	10-Apr-79	24.94	94.62	4.2	
621	GS	18-Apr-79	24.13	94.05	4.3	
622	GS	12-May-79	23.97	92.45	4.7	4
623	GS	18-May-79	11.67	92.89	4.9	
624	ISC	27-May-79	10.71	93	4.5	
625	ISC	27-May-79	19.28	94.87	4.1	
626	GS	29-May-79	24.5	94.72	5.3	4.6
627	GS	30-May-79	22.1	94.68	4.4	
628	GS	08-Jun-79	7.31	94.41	5.2	5
629	ISC	13-Jun-79	12.58	93.16	4	
630	ISC	17-Jun-79	19.1	94.8	3.9	
631	GS	05-Jul-79	11.99	92.86	5.1	4.5
632	GS	13-Jul-79	24.9	85.26	4.8	4.3
633	GS	24-Jul-79	11.08	92.74	4.4	4.1
634	GS	11-Aug-79	24.2	94.94	5	3.9
635	GS	15-Aug-79	11.11	92.63	4.6	4.1
636	ISC	16-Sep-79	7.58	94.53	4.2	
637	GS	12-Sep-79	5.02	96.149	4	
638	GS	17-Sep-79	7.16	94.7	4.3	
639	ISC	21-Sep-79	24.9	96.8	4.5	
640	GS	23-Sep-79	11.55	92.8	4.4	
641	ISC	29-Sep-79	24	95.8	4.3	
642	GS	03-Oct-79	18.11	94.82	5.6	4.9
643	GS	09-Oct-79	21.65	94.75	4.4	
644	GS	10-Oct-79	13.11	93.38	4.2	
645	GS	12-Oct-79	8.34	93.75	4.6	
646	GS	16-Oct-79	6.39	91.2	5.2	5.15
647	ISC	17-Oct-79	23.6	96.8	4.4	
648	GS	19-Oct-79	23.21	94.55	4.8	
649	GS	29-Oct-79	5.14	96.43	3.8	
650	GS	07-Nov-79	22	93.94	4.5	
651	GS	12-Nov-79	22.77	95.95	4.7	
652	GS	29-Nov-79	7.56	94.39	4.3	
653	ISC	03-Dec-79	24.4	94.9	4.4	
654	ISC	17-Dec-79	24.65	95.04	3.7	
655	GS	01-Jan-80	12.35	95.19	5.1	4.9

No.	SOURCE	D/M/Y	LAT	LONG	BODYMAG	SURMAG
656	ISC	10-Jan-80	12.1	94.58	4.2	
657	ISC	14-Jan-80	13.08	93.9	4.6	
658	GS	27-Jan-80	24.73	95.22	4.4	
659	GS	08-Feb-80	21.21	93.5	4.6	
660	GS	10-Feb-80	19.35	99.23	4.1	
661	GS	19-Feb-80	6.7	92.61	5.1	5.5
662	GS	19-Feb-80	6.64	92.66	5	
663	GS	20-Feb-80	6.77	92.79	5.1	
664	GS	20-Feb-80	6.74	92.72	4.8	
665	GS	21-Feb-80	17.94	94.78	4.4	
666	GS	21-Feb-80	10.48	93.04	4.7	
667	GS	23-Feb-80	23.35	94.59	4.4	
668	GS	25-Feb-80	10.72	93.96	4.6	
669	ISC	25-Feb-80	10.7	93.6	4.9	
670	ISC	25-Feb-80	6.4	92.6	4.3	
671	ISC	03-Mar-80	10.75	93.49	4.3	
672	GS	16-Mar-80	7.15	94.59	4.3	
673	GS	17-Mar-80	8.91	94.12	4.6	
674	GS	21-Mar-80	14.33	95.8	4.6	4.1
675	GS	28-Mar-80	23.9	94.74	4.8	
676	GS	04-Apr-80	21.34	93.8	5.1	
677	GS	06-Apr-80	13.13	93.73	4.5	
678	GS	15-Apr-80	8.77	94.12	4.6	4.1
679	GS	18-Apr-80	17.04	94.84	4.2	
680	ISC	20-Apr-80	6.8	95.4	3.4	
681	GS	22-Apr-80	16.88	94.9	4.1	
682	GS	23-Apr-80	5.84	96.2	4.4	
683	ISC	26-Apr-80	7.7	94.2	4.4	
684	GS	06-May-80	22.15	94.22	4	
685	ISC	14-May-80	22.2	98.7	4.2	
686	ISC	16-May-80	22.71	96.22	4.5	
687	GS	20-May-80	23.76	94.31	4.9	5.4
688	ISC	25-May-80	8.187	92.72	4.1	
689	GS	26-May-80	11.07	92.97	4.9	4.1
690	GS	01-Jun-80	10.66	93.83	5.1	4.1
691	GS	17-Jun-80	23.68	103.74	5	5.35
692	PEK	21-Jun-80	23.6	103.9		3.8
693	GS	16-Jul-80	22.44	94.78	4.7	
694	ISC	17-Jul-80	22.5	93.7	4.5	
695	GS	01-Aug-80	23.86	96.08	4.6	
696	GS	01-Aug-80	11.93	93.78	4.9	4.1
697	GS	12-Aug-80	24.78	94.59	5.1	
698	GS	20-Aug-80	10.74	92.81	5	
699	ISC	26-Aug-80	5.02	96.36	4.6	
700	GS	27-Aug-80	15.87	94.7	5.5	4.85
701	ISC	27-Aug-80	17.91	102.41	3.8	
702	GS	28-Aug-80	21.9	94.93	4.6	
703	GS	28-Aug-80	15.81	94.78	4.8	
704	GS	14-Sep-80	24.87	95.31	4.5	
705	GS	29-Sep-80	13.01	93.17	4.5	
706	ISC	04-Oct-80	23.09	95.15	4.8	
707	ISC	12-Oct-80	21.73	100.13	4.3	
708	GS	23-Oct-80	22.55	94.99	4.5	4.1
709	GS	29-Oct-80	8.4	93.35	5.2	6.2
710	GS	30-Oct-80	23.93	91.29	5	
711	GS	31-Oct-80	12.28	92.84	4.5	
712	ISC	08-Nov-80	12.18	93.59	4.4	
713	ISC	11-Nov-80	12.6	95.3	4.2	
714	GS	16-Nov-80	12.4	92.9	4.9	4.1
715	GS	20-Nov-80	22.72	93.9	5.3	5.1
716	ISC	01-Dec-80	22.06	90.94	4.7	
717	ISC	14-Dec-80	12.97	92.88	3.6	
718	ISC	23-Dec-80	18.12	99.92	3.7	
719	GS	27-Dec-80	11.7	93	4.8	
720	GS	31-Dec-80	21.15	93.63	4.7	4.6
721	GS	14-Jan-81	18.47	95.27	4.5	

No.	SOURCE	D/M/Y	LAT	LONG	BODYMAG	SURMAG
722	GS	18-Jan-81	11.97	93.05	4.9	
723	GS	22-Jan-81	6.46	94.8	4.9	
724	GS	01-Feb-81	24.87	96.4	4.7	
725	GS	01-Feb-81	10.96	92.37	4.6	
726	GS	16-Feb-81	11.92	92.83	4.1	
727	ISC	07-Mar-81	22.1	97.8	4.9	
728	ISC	07-Mar-81	24.7	94.9	4.3	
729	GS	11-Apr-81	24.65	95.11	4.6	4.1
730	GS	25-Apr-81	24.94	95.38	5.7	5
731	GS	26-Apr-81	11.93	92.82	4.8	3.8
732	GS	01-May-81	22.96	94.59	5	
733	GS	06-May-81	22.69	94.15	4.7	
734	ISC	06-May-81	23.7	93.2	4.3	
735	ISC	26-May-81	8.8	93.7	4.1	
736	ISC	08-Jun-81	12	93.04	4.2	
737	ISC	17-Jun-81	23.72	93.68	4.3	
738	GS	30-Jun-81	22.48	95.14	5	4.1
739	ISC	15-Jul-81	22.59	94.26	4.3	
740	ISC	18-Jul-81	24.79	94.65	4.7	
741	ISC	30-Jul-81	22.95	94.68	4.6	
742	GS	01-Aug-81	11.2	95.31	4.9	4.2
743	ISC	03-Aug-81	20.7	93.4	4.6	
744	ISC	04-Aug-81	25	97.78	4.5	
745	ISC	14-Aug-81	23.8	97.8	4.1	
746	GS	19-Aug-81	11.13	95.3	4.9	
747	GS	23-Aug-81	24.66	94.88	4.7	
748	GS	23-Aug-81	22.96	94.55	4.7	
749	ISC	25-Aug-81	24.63	97.56	4.2	5.1
750	ISC	28-Aug-81	24.92	97.71	4.2	
751	ISC	29-Aug-81	24.95	97.89	4.3	
752	GS	10-Sep-81	5.39	95.28	5.1	
753	GS	12-Sep-81	21.09	99.36	5	4.8
754	GS	19-Sep-81	23.01	101.34	4.9	5.2
755	ISC	24-Sep-81	12	93	4.1	
756	ISC	09-Oct-81	23.67	94.44	4.6	
757	ISC	10-Oct-81	12	93.4	4.1	
758	GS	21-Oct-81	7.4	93.91	4.8	
759	GS	02-Nov-81	12.14	92.91	5.7	5.5
760	GS	13-Nov-81	6.16	95.65	4.7	
761	GS	13-Nov-81	6.06	95.19	4.8	4.5
762	GS	21-Nov-81	22.65	93.18	4.7	
763	GS	07-Dec-81	13.79	95.99	4.9	
764	GS	28-Dec-81	8.63	93.18	4.5	
765	GS	28-Dec-81	13.81	95.92	5.2	5.1
766	GS	09-Jan-82	10.67	92.73	3.7	
767	GS	11-Jan-82	24.7	92.07	4.7	
768	GS	18-Jan-82	8.62	93.62	4.5	
769	GS	18-Jan-82	19.25	96.24	4.5	
770	GS	19-Jan-82	8.61	93.74	4.6	4.2
771	GS	20-Jan-82	6.95	94	5.6	6.3
772	GS	20-Jan-82	7.12	94.1	5	
773	GS	20-Jan-82	7.18	94.16	4.3	
774	GS	20-Jan-82	7.05	94.03	5.2	
775	GS	20-Jan-82	7.12	93.94	5.7	6.2
776	GS	20-Jan-82	6.96	94.13	4.7	
777	GS	20-Jan-82	7.21	94.02	4.3	
778	GS	20-Jan-82	7.01	94.81	4.1	
779	GS	20-Jan-82	7.26	94.06	4.9	4.6
780	GS	20-Jan-82	7.06	94.1	4.7	
781	GS	21-Jan-82	14.61	93.7	4.4	
782	GS	21-Jan-82	20.66	94.2	4.3	
783	GS	22-Jan-82	7.08	93.99	4.4	
784	GS	24-Jan-82	21.45	94.66	5.4	
785	GS	24-Jan-82	6.9	94.01	4.4	
786	GS	25-Jan-82	6.86	94.04	5.1	4.8
787	GS	10-Feb-82	7	106.9	5.5	

No.	SOURCE	D/M/Y	LAT	LONG	BODYMAG	SURMAG
788	GS	12-Feb-82	21.91	94.73	4.7	
789	GS	13-Feb-82	5.68	94.79	5.3	
790	GS	16-Feb-82	5.46	94.89	4	
791	GS	20-Feb-82	22.26	102.42	4.6	4.5
792	GS	26-Feb-82	11.65	92.86	4.1	
793	GS	05-Mar-82	7.24	94.67	4.2	
794	GS	07-Mar-82	11.06	92.31	5.1	
795	GS	30-Mar-82	23.59	95.53	5	4.6
796	GS	03-Apr-82	22.31	94.39	4.8	
797	GS	05-Apr-82	7.51	94.04	5.1	4.9
798	GS	05-Apr-82	7.4	93.83	4.8	
799	GS	05-Apr-82	7.04	94.17	4.7	
800	GS	06-Apr-82	24.25	94.41	4.6	
801	GS	08-Apr-82	7.43	93.95	5.2	4.9
802	GS	22-May-82	7.56	94.02	5.5	5.3
803	GS	22-May-82	24.1	94.08	4.6	
804	GS	07-Jun-82	21.9	102.07	4.4	
805	GS	12-Jun-82	21.84	102.04	4	
806	GS	21-Jun-82	5.17	94.34	4.6	
807	GS	25-Jun-82	22.66	93.6	4.3	
808	GS	02-Jul-82	5.2	94.3	4.2	
809	GS	04-Jul-82	19.53	90.62	5.2	5.2
810	GS	05-Jul-82	9.85	93.83	4.5	
811	GS	05-Jul-82	12.89	95.57	4.8	
812	GS	10-Jul-82	11.72	93.28	4.5	
813	GS	03-Aug-82	11.91	93.76	4.2	
814	GS	13-Aug-82	10.52	93.71	4.8	
815	GS	26-Aug-82	11.72	92.99	4.8	
816	GS	04-Sep-82	22.99	95.75	4.8	4.4
817	GS	26-Sep-82	12.1	92.93	4.8	
818	GS	27-Sep-82	11.67	92.64	4.8	
819	GS	07-Oct-82	23.42	94.42	4.7	
820	GS	17-Oct-82	20.8	102.03	4.7	
821	GS	21-Oct-82	8.24	94.09	4.3	
822	GS	27-Oct-82	23.95	106.05	5.2	5.1
823	GS	01-Nov-82	12.43	95.21	4.3	
824	GS	09-Nov-82	7.04	94.37	5.1	4.7
825	GS	14-Nov-82	22	94.53	4.3	
826	GS	26-Nov-82	7.01	94.03	4.5	
827	GS	29-Nov-82	22.77	94.56	4.4	
828	GS	09-Dec-82	7.24	94.44	5.2	4.7
829	GS	11-Dec-82	24.53	94.57	4.9	5.3
830	GS	16-Dec-82	11.69	92.99	5.3	
831	GS	28-Dec-82	22.36	100.86	5.2	
832	GS	03-Jan-83	24.29	94.48	5.2	
833	NEIS	07-Jan-83	10.4	93.19	4.2	
834	NEIS	10-Jan-83	19.53	102.28	4	
835	NEIS	13-Jan-83	22.86	93.07	4.7	
836	GS	24-Jan-83	12.95	93.64	6.1	
837	NEIS	29-Jan-83	23.75	94.07	4.5	
838	GS	30-Jan-83	5.428	94.942	5.2	
839	GS	31-Jan-83	24.92	95.33	4.8	
840	NEIS	03-Feb-83	5.36	94.28	4.8	
841	NEIS	08-Feb-83	5.56	91.86	3.9	
842	GS	12-Feb-83	23.71	105.89	4.6	
843	NEIS	17-Feb-83	12.91	93.48	5	
844	GS	20-Feb-83	12.88	92.97	5.2	4.4
845	NEIS	03-Mar-83	7.58	93.38	3.5	
846	GS	05-Mar-83	22.65	93.97	4.6	
847	GS	12-Mar-83	8.67	93.81	5	4.5
848	NEIS	01-Apr-83	15.14	96.38	4	
849	NEIS	01-Apr-83	21.91	93.68	4.3	
850	GS	04-Apr-83	5.73	94.81	6.5	
851	GS	04-Apr-83	5.75	94.8	5.8	
852	GS	04-Apr-83	5.59	94.64	5	
853	NEIS	06-Apr-83	19.74	94.38	4.7	

No.	SOURCE	D/M/Y	LAT	LONG	BODYMAG	SURMAG
854	GS	08-Apr-83	5.64	94.72	4.8	
855	NEIS	11-Apr-83	5.61	94.63	4.2	
856	GS	13-Apr-83	22.82	94.54	4.7	
857	GS	15-Apr-83	14.95	99.14	5.3	
858	NEIS	15-Apr-83	14.87	99.14	3.9	
859	GS	17-Apr-83	6.41	95.02	4.4	4.6
860	NEIS	17-Apr-83	7.42	95.21	4.7	
861	GS	17-Apr-83	22	94.33	5.1	
862	GS	22-Apr-83	14.95	99.07	5.8	5.8
863	GS	22-Apr-83	14.96	99.06	5.2	4.4
864	NEIS	23-Apr-83	14.96	99.18	4.4	4.5
865	NEIS	23-Apr-83	14.92	99.04	4.5	
866	GS	25-Apr-83	9.34	93.62	4.7	
867	GS	27-Apr-83	15.09	99.19	4.7	
868	NEIS	04-May-83	20.92	96.9	4.5	
869	NEIS	13-May-83	5.09	95.55	4.3	
870	NEIS	14-May-83	13.65	93.72	4.4	
871	NEIS	14-May-83	6.1	94.98	4.9	
872	NEIS	14-May-83	6.05	95	4.2	
873	NEIS	14-May-83	5.45	94.56	4.5	
874	NEIS	15-May-83	6.19	95.01	4	
875	NEIS	18-May-83	6.09	95.05	3.9	
876	BKK	19-May-83	9.59	93.57	4.3	
877	NEIS	21-May-83	24.97	100.69	4.8	
878	NEIS	21-May-83	25.01	100.55	4.4	
879	NEIS	26-May-83	22.5	101.14	4.7	
880	NEIS	28-May-83	22.49	101.01	4.9	
881	NEIS	29-May-83	17.81	96.54	4.8	4.5
882	NEIS	21-Jun-83	6.82	91.31	4.9	
883	NEIS	24-Jun-83	21.72	103.28	6.1	6.6
884	NEIS	24-Jun-83	21.77	103.77	4.6	
885	NEIS	24-Jun-83	21.4	102.6	4.6	
886	NEIS	24-Jun-83	21.71	103.35	4.5	
887	NEIS	24-Jun-83	21.6	103.61	4.1	
888	NEIS	25-Jun-83	21.69	103.48	4.2	
889	NEIS	26-Jun-83	23.04	93.85	4.7	
890	GS	02-Jul-83	5.724	94.779	5.7	
891	NEIS	07-Jul-83	6.11	94.65	4.1	
892	NEIS	09-Jul-83	12.23	93.4	4.5	
893	GS	15-Jul-83	21.799	103.425	5	5
894	GS	17-Jul-83	16.751	98.384	4.8	
895	GS	31-Jul-83	5.62	94.784	5	
896	GS	18-Aug-83	6.351	93.6	4.9	
897	NEIS	21-Aug-83	22.66	94.31	4.8	
898	GS	23-Aug-83	24.567	95.2	5.1	
899	NEIS	29-Aug-83	14.92	99.15	4.2	
900	GS	30-Aug-83	25.071	94.722	5.6	
901	NEIS	01-Sep-83	23.34	103.91	4.4	
902	NEIS	07-Sep-83	23.73	94.07	3.9	
903	GS	15-Sep-83	5.741	94.472	5	
904	GS	17-Sep-83	7.918	93.167	5.4	
905	NEIS	18-Sep-83	23.09	94.83	4.9	
906	GS	22-Sep-83	5.477	94.578	4.9	
907	NEIS	22-Sep-83	20.5	93	5.1	
908	NEIS	25-Sep-83	5.03	96.4	4.4	
909	NEIS	30-Sep-83	13.92	94.14	4.4	
910	GS	09-Oct-83	5.613	94.533	5.1	
911	GS	13-Oct-83	10.288	93.275	4.8	
912	NEIS	19-Oct-83	22.3	99.91	4.9	
913	GS	21-Oct-83	22.042	94.426	5.3	
914	GS	21-Oct-83	24.902	94.548	4.6	
915	GS	26-Oct-83	13.472	93.823	4.8	
916	GS	30-Dec-83	7.047	94.275	5.2	
917	GS	12-Jan-84	8.12	93.87	4.5	
918	GS	15-Jan-84	19.674	94.58	5.2	
919	GS	19-Jan-84	2.03	98.04	3.6	

No.	SOURCE	D/M/Y	LAT	LONG	BODYMAG	SURMAG
920	GS	20-Jan-84	13.122	95.628	4.5	
921	GS	20-Jan-84	23.946	94.509	4.6	
922	GS	20-Jan-84	12.775	95.531	4.3	
923	GS	20-Jan-84	12.726	95.489	4.1	
924	GS	20-Jan-84	12.72	95.493	4.4	
925	GS	20-Jan-84	12.672	95.427	4.9	
926	GS	20-Jan-84	12.694	95.416	4.7	
927	GS	20-Jan-84	12.727	95.451	4.5	
928	GS	20-Jan-84	12.694	95.417	4.7	4.4
929	GS	20-Jan-84	12.732	95.514	4.1	
930	GS	20-Jan-84	12.842	95.549	4.5	
931	GS	20-Jan-84	12.674	95.447	4.4	
932	GS	21-Jan-84	12.73	95.53	3.9	
933	GS	21-Jan-84	5.933	94.476	3.6	
934	GS	01-Feb-84	12.818	95.645	4.8	
935	GS	02-Feb-84	3.863	98.519	4.4	
936	GS	05-Feb-84	0.266	97.079	3.9	
937	GS	08-Feb-84	2.637	95.877	4.8	
938	GS	09-Feb-84	2.933	97.639	4.4	
939	GS	17-Feb-84	8.252	93.015	4.3	
940	GS	19-Feb-84	24.785	94.745	4.9	
941	GS	28-Feb-84	22.349	94.41	4.7	
942	GS	04-Mar-84	22.29	101.377	4.7	
943	GS	05-Mar-84	24.543	94.661	5.2	
944	GS	10-Mar-84	10.783	94.49	4.5	
945	GS	11-Mar-84	10.852	94.565	3.5	
946	GS	11-Mar-84	2.8	99.1	4.1	
947	GS	18-Mar-84	4.486	95.206	4.1	
948	GS	20-Mar-84	1.047	98.848	4.8	
949	GS	22-Mar-84	12.909	93.588	5.2	
950	GS	24-Mar-84	5.733	94.676	4.3	
951	GS	31-Mar-84	2.027	99.075	4.6	
952	GS	02-Apr-84	13.811	95.954	4.4	
953	GS	02-Apr-84	1.958	99.013	4.5	
954	GS	04-Apr-84	23.807	100.472	4.6	
955	GS	07-Apr-84	22.481	101.2	4.5	
956	GS	08-Apr-84	2.593	98.6	4.6	
957	GS	08-Apr-84	13.491	92.309	4.5	
958	GS	10-Apr-84	11.799	95.03	4.7	
959	GS	10-Apr-84	11.861	95.175	4.6	
960	GS	10-Apr-84	11.478	94.814	4.6	
961	GS	11-Apr-84	5.739	94.745	5.2	
962	GS	11-Apr-84	13.144	95.663	4.6	
963	GS	12-Apr-84	11.628	95.123	4.4	
964	GS	12-Apr-84	11.62	95.136	4.4	
965	GS	13-Apr-84	11.671	95.068	5	4.7
966	GS	13-Apr-84	11.847	95.009	5.4	6
967	GS	21-Apr-84	11.372	95.155	4.6	
968	GS	23-Apr-84	22.049	99.136	5.9	5.6
969	GS	24-Apr-84	21.8	99.249	4.3	
970	GS	24-Apr-84	21.964	99.402	5	
971	GS	29-Apr-84	11.368	93.133	4.6	
972	GS	06-May-84	24.257	93.545	5.7	5.6
973	GS	07-May-84	24.851	94.522	4.6	
974	GS	09-May-84	20.26	94.393	4.9	
975	GS	13-May-84	2.626	95.87	4.2	
976	GS	16-May-84	24.543	94.966	4.6	
977	GS	21-May-84	23.721	91.588	5.3	4.8
978	GS	22-May-84	15.675	94.358	5	
979	GS	27-May-84	4.467	94.712	4.6	
980	GS	29-May-84	3.565	97.138	5.8	
981	GS	06-Jun-84	0.314	100.037	4.6	4.5
982	GS	07-Jun-84	12.169	95.233	4.3	
983	GS	11-Jun-84	13.586	93.169	4.5	
984	GS	13-Jun-84	4.438	94.907	5.1	4.8
985	GS	15-Jun-84	19.878	92.839	4.9	

No.	SOURCE	D/M/Y	LAT	LONG	BODYMAG	SURMAG
986	GS	16-Jun-84	3.232	96.287	4.6	
987	GS	19-Jun-84	2.844	96.199	4.4	
988	GS	19-Jun-84	2.472	97.284	4.6	
989	GS	20-Jun-84	0.482	100.058	4.7	
990	GS	24-Jun-84	4.541	94.695	4.6	
991	GS	26-Jun-84	4.839	94.117	4.6	
992	GS	29-Jun-84	11.208	95.153	4.2	
993	GS	05-Jul-84	11.255	94.739	5	
994	GS	05-Jul-84	11.304	94.675	5.5	
995	GS	05-Jul-84	11.114	94.723	5.4	
996	GS	07-Jul-84	24.826	94.398	3.9	
997	GS	08-Jul-84	10.866	94.744	4.8	
998	GS	08-Jul-84	10.824	95.079	4.8	
999	GS	08-Jul-84	10.981	94.54	4.6	
1000	GS	08-Jul-84	11.058	94.633	4.8	
1001	GS	08-Jul-84	0.962	98.909	5	
1002	GS	08-Jul-84	11.027	94.706	4.9	
1003	GS	08-Jul-84	11.87	94.34	4.9	
1004	GS	08-Jul-84	11.004	94.989	4.7	
1005	GS	08-Jul-84	10.967	95.064	4.7	
1006	GS	08-Jul-84	11.764	94.408	5	
1007	GS	08-Jul-84	11.096	94.678	5.2	5.1
1008	GS	08-Jul-84	10.871	94.955	4.7	
1009	GS	08-Jul-84	10.81	94.906	4.9	
1010	GS	08-Jul-84	11.243	94.943	4.8	
1011	GS	08-Jul-84	10.859	95.224	4.7	
1012	GS	08-Jul-84	10.942	94.74	4.6	
1013	GS	08-Jul-84	11.016	94.828	4.8	
1014	GS	08-Jul-84	11.037	94.764	4.6	
1015	GS	08-Jul-84	10.814	95.088	4.9	
1016	GS	08-Jul-84	10.878	94.776	4.9	
1017	GS	08-Jul-84	10.901	94.824	4.7	
1018	GS	08-Jul-84	10.794	94.885	4.8	
1019	GS	08-Jul-84	11.009	94.738	5.2	
1020	GS	08-Jul-84	10.863	94.735	5.1	
1021	GS	08-Jul-84	10.729	94.742	4.8	
1022	GS	08-Jul-84	11.235	94.72	5.3	
1023	GS	08-Jul-84	10.66	94.792	4.7	
1024	GS	08-Jul-84	10.981	94.648	5	4.5
1025	GS	08-Jul-84	10.857	94.778	4.9	
1026	GS	08-Jul-84	10.891	94.806	4.6	
1027	GS	08-Jul-84	11.002	95.326	3.7	
1028	GS	08-Jul-84	11.219	94.682	4.7	
1029	GS	08-Jul-84	12.39	94.647	4.7	
1030	GS	08-Jul-84	10.817	94.735	4.7	
1031	GS	08-Jul-84	11.048	94.839	4.8	
1032	GS	08-Jul-84	11.124	94.791	4.7	
1033	GS	09-Jul-84	10.798	94.774	5	5.3
1034	GS	09-Jul-84	10.507	94.985	4.1	
1035	GS	09-Jul-84	10.899	94.69	4.9	4.5
1036	GS	09-Jul-84	10.932	94.616	5.4	5
1037	GS	09-Jul-84	10.861	94.79	5.3	
1038	GS	09-Jul-84	10.895	94.869	5	
1039	GS	09-Jul-84	10.865	94.941	4.2	
1040	GS	09-Jul-84	10.941	94.886	4.8	
1041	GS	09-Jul-84	10.941	95.007	4.8	
1042	GS	10-Jul-84	11.042	94.812	4.8	
1043	GS	10-Jul-84	11.006	94.791	4.7	
1044	GS	10-Jul-84	10.999	94.593	4.8	
1045	GS	10-Jul-84	10.864	94.82	4.4	
1046	GS	10-Jul-84	11.024	94.676	4.9	
1047	GS	10-Jul-84	10.851	94.618	5.3	5
1048	GS	10-Jul-84	10.816	94.894	5.1	
1049	GS	10-Jul-84	10.823	94.673	4.6	
1050	GS	10-Jul-84	10.874	94.631	5.1	
1051	GS	11-Jul-84	10.875	94.997	4.6	

No.	SOURCE	D/M/Y	LAT	LONG	BODYMAG	SURMAG
1052	GS	11-Jul-84	10.731	94.662	4.9	
1053	GS	11-Jul-84	10.769	94.718	4.3	
1054	GS	11-Jul-84	10.72	94.744	4.6	
1055	GS	11-Jul-84	10.736	94.728	4.7	
1056	GS	11-Jul-84	10.935	94.697	4.9	
1057	GS	11-Jul-84	10.958	94.66	4.9	
1058	GS	11-Jul-84	11.015	94.666	4.4	
1059	GS	11-Jul-84	0.331	98.524	4.2	
1060	GS	11-Jul-84	10.885	94.843	4.1	
1061	GS	11-Jul-84	10.966	94.577	5.2	5.1
1062	GS	11-Jul-84	11.244	94.625	4.6	
1063	GS	11-Jul-84	10.98	94.566	5	
1064	GS	11-Jul-84	10.792	94.584	4.9	
1065	GS	11-Jul-84	10.723	94.664	4.3	
1066	GS	12-Jul-84	10.779	94.608	4.9	4.8
1067	GS	14-Jul-84	10.603	94.58	4.7	
1068	GS	14-Jul-84	10.827	94.84	4.7	
1069	GS	15-Jul-84	10.763	94.815	5	
1070	GS	15-Jul-84	10.844	94.771	5.2	4.5
1071	GS	17-Jul-84	11.012	94.688	4.7	
1072	GS	17-Jul-84	10.946	94.769	5.1	4.3
1073	GS	19-Jul-84	10.929	94.819	4.4	
1074	GS	19-Jul-84	10.895	94.743	5.1	4.3
1075	GS	20-Jul-84	10.953	94.948	4.8	
1076	GS	20-Jul-84	10.861	94.808	5.2	
1077	GS	23-Jul-84	10.947	94.8	4.7	
1078	GS	23-Jul-84	10.888	94.738	5.2	
1079	GS	24-Jul-84	10.935	94.948	4.3	
1080	GS	24-Jul-84	25.138	96.131	4.1	
1081	GS	28-Jul-84	3.412	95.831	4.8	
1082	GS	29-Jul-84	11.095	94.692	4.9	4.3
1083	GS	30-Jul-84	1.714	99.624	4.7	
1084	GS	01-Aug-84	11.07	94.706	4.6	
1085	GS	01-Aug-84	10.941	94.806	4.7	
1086	GS	05-Aug-84	23.466	94.304	4.9	
1087	GS	11-Aug-84	5.994	95.243	5.4	
1088	GS	13-Aug-84	10.891	94.82	4.8	4.4
1089	GS	13-Aug-84	11.05	94.622	4.9	
1090	GS	17-Aug-84	10.79	93.095	5	3.8
1091	GS	17-Aug-84	5.44	94.02	4.4	
1092	GS	26-Aug-84	0.042	97.791	4.7	
1093	GS	27-Aug-84	1.761	99.075	5.1	5.2
1094	GS	27-Aug-84	1.898	99.179	5.4	5.2
1095	GS	29-Aug-84	5.164	95.251	4.2	
1096	GS	02-Sep-84	5.637	94.67	4.3	
1097	GS	03-Sep-84	1.922	99.328	4	
1098	GS	13-Sep-84	1.944	98.973	5	
1099	GS	16-Sep-84	24.721	93.597	4.7	
1100	GS	20-Sep-84	5.85	94.31	4	
1101	GS	23-Sep-84	12.367	95.22	4.9	
1102	GS	24-Sep-84	2.057	98.368	4.4	
1103	GS	29-Sep-84	13.456	95.755	4.2	
1104	GS	30-Sep-84	25.363	91.468	5.1	
1105	GS	01-Oct-84	1.769	99.434	4.1	
1106	GS	03-Oct-84	25.382	93.445	4.7	
1107	GS	04-Oct-84	3.855	96.057	3.1	
1108	GS	04-Oct-84	15.56	95.802	5.1	4.7
1109	GS	07-Oct-84	24.578	97.19	4.5	
1110	GS	08-Oct-84	5.275	95.665	4.5	
1111	GS	14-Oct-84	0.832	97.709	4.8	
1112	GS	14-Oct-84	0.849	97.529	5	4.4
1113	GS	17-Oct-84	5.712	94.694	4.6	
1114	GS	18-Oct-84	23.994	94.522	4.4	
1115	GS	19-Oct-84	2.893	99.17	4.8	
1116	GS	19-Oct-84	13.758	96.036	4.2	
1117	GS	25-Oct-84	0.846	100.127	4.5	

No.	SOURCE	D/M/Y	LAT	LONG	BODYMAG	SURMAG
1118	GS	01-Nov-84	22.235	94.644	4.4	
1119	GS	02-Nov-84	20	115.87	4.1	
1120	GS	02-Nov-84	3.63	90.473	4.3	
1121	GS	09-Nov-84	12.411	93.04	4.2	
1122	GS	10-Nov-84	23.124	102.414	4	
1123	GS	13-Nov-84	24.035	94.217	4.4	
1124	GS	13-Nov-84	4.224	95.381	4.7	
1125	GS	14-Nov-84	4.832	96.003	4.9	
1126	GS	15-Nov-84	21.403	94.264	4.5	
1127	GS	16-Nov-84	2.117	96.713	4.8	4.5
1128	GS	17-Nov-84	0.197	98.027	6.3	7.2
1129	GS	17-Nov-84	0.268	97.943	5.3	
1130	GS	17-Nov-84	0.156	97.872	5	
1131	GS	17-Nov-84	0.02	97.571	3.8	
1132	GS	21-Nov-84	25.417	96.566	4.5	
1133	GS	28-Nov-84	24.843	94.718	4.9	
1134	GS	05-Dec-84	0.315	97.948	4.8	
1135	GS	07-Dec-84	3.586	97.192	4.6	
1136	GS	08-Dec-84	24.356	94.838	4.2	
1137	GS	20-Dec-84	10.536	93.704	4.5	
1138	GS	26-Dec-84	10.728	93.376	4.6	
1139	GS	26-Dec-84	21.075	93.099	4.4	
1140	GS	30-Dec-84	24.641	92.891	5	
1141	GS	31-Dec-84	1.835	99.429	4.4	
1142	GS	31-Dec-84	3.108	95.634	4.6	
1143	GS	02-Jan-85	1.63	98.775	5.3	
1144	GS	04-Jan-85	7.088	94.655	5.2	4.4
1145	GS	04-Jan-85	8.279	96.978	4.5	
1146	GS	05-Jan-85	10.573	94.41	4.6	
1147	GS	05-Jan-85	10.538	94.464	4.5	
1148	GS	05-Jan-85	10.971	94.87	3.8	
1149	GS	05-Jan-85	10.497	94.389	4.8	
1150	GS	09-Jan-85	2.776	98.953	4.1	
1151	GS	10-Jan-85	14.075	90.763	5.1	
1152	GS	18-Jan-85	23.32	101.05	4.4	
1153	GS	21-Jan-85	24.765	94.454	5	
1154	GS	22-Jan-85	3.145	96.114	4.6	
1155	GS	25-Jan-85	23.337	94.479	4.8	
1156	GS	27-Jan-85	6.755	94.58	4.4	
1157	GS	30-Jan-85	6.15	94.981	4.8	
1158	GS	31-Jan-85	23.719	101.25	4.3	
1159	GS	09-Feb-85	18.48	96.252	4.8	4.4
1160	GS	10-Feb-85	4.77	96.21	3.9	
1161	GS	10-Feb-85	0.123	96.798	4.6	
1162	GS	11-Feb-85	1.114	98.931	4.8	
1163	GS	11-Feb-85	16.458	95.914	4	
1164	GS	16-Feb-85	0.521	96.625	4.2	
1165	GS	17-Feb-85	25.544	95.25	4.8	
1166	GS	21-Feb-85	0.272	97.993	4.8	4.5
1167	GS	25-Feb-85	4.402	95.297	4.6	
1168	GS	13-Mar-85	8.991	93.88	4.1	
1169	GS	20-Mar-85	20.886	101.628	4.8	4.5
1170	GS	21-Mar-85	6.221	94.841	4.8	
1171	GS	21-Mar-85	6.242	94.727	5	
1172	GS	21-Mar-85	6.445	94.863	5.2	
1173	GS	26-Mar-85	11.051	92.815	3.9	
1174	GS	30-Mar-85	8.083	91.011	4.7	
1175	GS	02-Apr-85	24.44	94.753	4.4	
1176	GS	03-Apr-85	19.298	96.046	4.8	
1177	GS	04-Apr-85	11.465	95.038	5.2	4.7
1178	GS	07-Apr-85	10.509	92.315	4.9	4.1
1179	GS	12-Apr-85	1.465	98.964	4.9	
1180	GS	12-Apr-85	3.46	95.52	3.9	
1181	GS	17-Apr-85	23.997	96.024	4.7	
1182	GS	18-Apr-85	25.926	102.871	5.7	5.8
1183	GS	18-Apr-85	25.82	102.875	4.5	

No.	SOURCE	D/M/Y	LAT	LONG	BODYMAG	SURMAG
1184	GS	18-Apr-85	25.777	102.873	4.3	
1185	GS	18-Apr-85	5.533	93.981	4.3	
1186	GS	18-Apr-85	25.767	102.893	4.4	
1187	GS	25-Apr-85	8.038	93.821	4.9	
1188	GS	25-Apr-85	8.648	93.646	4.8	
1189	GS	25-Apr-85	8.515	93.711	5.1	5.4
1190	GS	25-Apr-85	8.494	93.653	5.4	5.3
1191	GS	26-Apr-85	8.607	93.631	4.6	
1192	GS	27-Apr-85	9.589	92.75	4.6	
1193	GS	27-Apr-85	8.752	93.647	4.5	
1194	GS	03-May-85	7.272	93.079	4.9	4.2
1195	GS	03-May-85	0.503	97.992	4.6	
1196	GS	04-May-85	3.317	96.322	4.6	
1197	GS	07-May-85	0.096	97.857	4.6	
1198	GS	13-May-85	0.392	98.651	4.6	
1199	GS	21-May-85	10.144	93.928	4.7	
1200	GS	09-Jun-85	21.935	102.598	4.3	
1201	GS	11-Jun-85	4.526	95.513	4.3	
1202	GS	14-Jun-85	10.233	93.745	4.7	
1203	GS	17-Jun-85	25.591	90.229	4.7	
1204	GS	29-Jun-85	1.363	98.422	5.4	
1205	GS	30-Jun-85	2.117	94.517	4.4	
1206	GS	05-Jul-85	5.722	95.503	5	5.2
1207	GS	15-Jul-85	19.238	97.308	5	4.3
1208	GS	23-Jul-85	2.209	97.656	3.6	
1209	GS	28-Jul-85	10.332	93.751	4.7	
1210	GS	29-Jul-85	4.366	96.532	4.4	
1211	GS	31-Jul-85	7.741	94.348	4.6	4.9
1212	GS	19-Aug-85	2.738	98.48	4.3	
1213	GS	19-Aug-85	22.154	102.666	4.8	
1214	GS	19-Aug-85	22.176	102.696	4.9	4.6
1215	GS	22-Aug-85	25.365	95.7	3.8	
1216	GS	23-Aug-85	25.336	97.557	4.5	
1217	GS	25-Aug-85	25.448	97.714	5	4
1218	GS	25-Aug-85	0.752	98.688	4.7	
1219	GS	30-Aug-85	25.931	102.815	4.8	
1220	GS	01-Sep-85	23.769	102.738	5	5.1
1221	GS	02-Sep-85	23.493	102.863	4.2	
1222	GS	05-Sep-85	25.405	97.696	5	5.1
1223	GS	08-Sep-85	8.002	93.218	4.9	
1224	GS	09-Sep-85	14.82	93.631	5.1	
1225	GS	11-Sep-85	7.093	94.629	4.5	
1226	GS	11-Sep-85	25.419	97.682	5.1	3.9
1227	GS	11-Sep-85	7.068	95.157	4.5	
1228	GS	13-Sep-85	8.044	93.296	4.7	
1229	GS	16-Sep-85	8.23	93.77	4.5	
1230	GS	26-Sep-85	25.55	100.13	4.4	
1231	GS	30-Sep-85	17.167	93.977	4.8	4.1
1232	GS	08-Oct-85	3.954	96.028	5.1	
1233	GS	12-Oct-85	24.817	95.137	4.8	
1234	GS	13-Oct-85	8.544	93.764	5.1	4.1
1235	GS	13-Oct-85	10.559	94.605	4.3	
1236	GS	18-Oct-85	18.035	104.788	4.7	
1237	GS	03-Nov-85	23.585	91.505	4.9	
1238	GS	04-Nov-85	25.937	99.422	4.2	
1239	GS	08-Nov-85	22.649	93.965	4.5	
1240	GS	09-Nov-85	21.332	94.676	4.3	
1241	GS	23-Nov-85	8.922	93.924	4.5	
1242	GS	29-Nov-85	10.528	93.489	4.8	
1243	GS	03-Dec-85	1.683	97.284	4.8	
1244	GS	04-Dec-85	0.516	98.508	3.6	
1245	GS	15-Dec-85	13.176	95.712	4.1	
1246	GS	20-Dec-85	10.181	92.806	4.9	
1247	GS	21-Dec-85	24.135	93.209	4.5	
1248	GS	24-Dec-85	18.413	97.296	4.2	
1249	GS	02-Jan-86	22.677	92.837	4.8	

No.	SOURCE	D/M/Y	LAT	LONG	BODYMAG	SURMAG
1250	GS	08-Jan-86	23.351	93.955	4.7	
1251	GS	17-Jan-86	22.933	94.52	4.7	
1252	GS	18-Jan-86	21.092	95.603	5.1	
1253	GS	23-Jan-86	14.965	93.521	4.5	
1254	GS	27-Jan-86	22.875	95.839	4.8	
1255	GS	08-Feb-86	23.903	92.987	5.2	4.9
1256	GS	08-Feb-86	21.99	93.796	4.3	
1257	GS	13-Feb-86	21.563	94.65	4.7	
1258	GS	28-Feb-86	13.759	93.147	4.2	
1259	GS	12-Apr-86	12.398	95.732	4.2	4.6
1260	GS	17-Apr-86	24.46	94.807	5	
1261	GS	20-Apr-86	24.983	95.356	4.5	
1262	GS	26-Apr-86	22.839	94.523	4.9	
1263	GS	08-May-86	22.961	101.379	4.4	
1264	GS	09-May-86	21.64	94.444	4.9	
1265	GS	11-May-86	11.973	91.262	4.3	
1266	GS	22-May-86	12.37	93.236	4.9	
1267	GS	27-Jun-86	15.06	96.388	4.3	
1268	GS	29-Jun-86	15.168	96.314	5	5.1
1269	GS	29-Jun-86	15.188	96.201	5.1	5.6
1270	GS	29-Jun-86	15.35	96.94	3.9	
1271	GS	02-Jul-86	25.141	96.746	4.4	
1272	GS	26-Jul-86	23.753	74.177	5.2	5.1
1273	GS	04-Aug-86	15.03	93.07	4.3	
1274	GS	07-Aug-86	11.709	95.297	5.2	
1275	GS	16-Aug-86	22.689	94.196	4.5	
1276	GS	16-Aug-86	22.555	94.085	4.5	
1277	GS	05-Sep-86	25.873	96.343	4.1	
1278	GS	10-Sep-86	25.385	92.077	5.2	4.5
1279	GS	15-Sep-86	24.642	98.782	4.4	
1280	GS	17-Sep-86	20.16	97.975	4.4	
1281	GS	20-Sep-86	13.034	93.354	4.9	
1282	GS	30-Sep-86	23.473	94.022	4.5	
1283	GS	06-Oct-86	25.498	102.422	5.4	4.5
1284	GS	07-Oct-86	25.379	102.619	4.2	
1285	GS	14-Oct-86	25.035	91.976	4.7	
1286	GS	26-Oct-86	25.771	102.848	4.5	
1287	GS	01-Nov-86	26.902	96.425	5.4	5
1288	GS	22-Nov-86	25.17	94.774	4.5	
1289	GS	22-Nov-86	24.518	98.609	3.9	
1290	GS	29-Nov-86	26.069	96.939	4.7	
1291	GS	26-Dec-86	25.347	100.066	4.5	4.7
1292	GS	07-Feb-87	23.652	94.639	4.6	
1293	GS	09-Feb-87	24.309	95.14	3.4	
1294	GS	13-Feb-87	23.126	94.135	4.8	
1295	GS	15-Feb-87	24.245	94.789	4.6	
1296	GS	26-Mar-87	24.959	96.33	4.7	
1297	GS	01-Apr-87	21.954	98.464	4.7	
1298	GS	03-Apr-87	24.817	95.226	4.6	
1299	GS	04-Apr-87	22.92	100.41	3.4	
1300	GS	06-Apr-87	26.469	95.898	4.5	
1301	GS	19-Apr-87	14.872	96.34	4.2	
1302	GS	29-Apr-87	22.457	93.953	5.3	
1303	GS	29-Apr-87	24.124	94.655	5.1	
1304	GS	15-May-87	26.1	96.941	4	
1305	GS	18-May-87	25.271	94.202	5.7	5.9
1306	GS	24-May-87	11.507	93.143	4.7	
1307	GS	25-May-87	24.274	95.029	3.9	
1308	GS	30-May-87	22.701	94.585	4.5	
1309	GS	10-Jun-87	23.667	94.49	4.5	
1310	GS	14-Jun-87	21.113	94.755	4.5	
1311	GS	01-Jul-87	19.782	93.072	4.7	
1312	GS	16-Jul-87	23.697	92.594	4.4	
1313	GS	19-Jul-87	24.983	95.189	4.7	
1314	GS	05-Aug-87	24.852	99.083	4.4	
1315	GS	24-Aug-87	23.089	94.402	5.1	

No.	SOURCE	D/M/Y	LAT	LONG	BODYMAG	SURMAG
1316	GS	26-Aug-87	21.807	94.425	4.4	
1317	GS	03-Sep-87	21.27	93.829	4.8	
1318	GS	05-Sep-87	23.85	93.82	4.8	
1319	GS	09-Sep-87	24.811	95.253	4.6	
1320	GS	19-Sep-87	11.571	92.59	4.1	
1321	GS	22-Sep-87	20.33	95.03	4.2	
1322	GS	26-Sep-87	24.95	99.133	4.8	
1323	GS	26-Sep-87	21.817	94.156	4.3	
1324	GS	05-Oct-87	22.365	101.343	4.1	
1325	GS	10-Oct-87	21.538	98.286	4.4	
1326	GS	13-Nov-87	21.58	103.39	4.3	
1327	GS	16-Nov-87	14.528	96.009	5.2	4.9
1328	GS	23-Nov-87	12.672	96.352	3.7	
1329	GS	25-Nov-87	22.396	99.663	4.6	
1330	GS	28-Nov-87	15.607	95.937	4.4	
1331	GS	28-Nov-87	20.067	94.768	4.6	
1332	GS	01-Jan-88	20.349	96	5.2	4.5
1333	GS	02-Jan-88	23.856	121.728	0	
1334	GS	04-Jan-88	25.55	95.65	3.4	
1335	GS	20-Jan-88	23.279	93.63	4.4	
1336	GS	30-Jan-88	12.905	93.45	4.8	
1337	GS	01-Feb-88	25.783	102.667	4.3	
1338	GS	06-Feb-88	24.688	91.57	5.8	5.8
1339	GS	07-Feb-88	15.54	90.16	4.3	
1340	GS	12-Feb-88	25.119	93.859	4.3	
1341	GS	15-Feb-88	21.5	93.856	4.7	
1342	GS	18-Feb-88	18.869	99.168	4.2	
1343	GS	19-Feb-88	18.382	95.074	5.2	
1344	GS	24-Feb-88	26.038	95.654	4.5	
1345	GS	24-Feb-88	23.344	94.111	4.9	
1346	GS	28-Feb-88	24.7	91.571	4.6	
1347	GS	06-Mar-88	25.99	95.412	4.7	
1348	GS	16-Mar-88	14.808	99.078	5.1	
1349	GS	16-Mar-88	14.89	99.092	5	
1350	GS	18-Apr-88	24.827	93.851	4.3	
1351	GS	30-Apr-88	25.913	91.574	4.2	
1352	GS	06-May-88	12.169	92.837	5.2	4.8
1353	GS	06-May-88	12.132	92.902	4.6	
1354	GS	11-May-88	25.309	96.379	4.4	
1355	GS	12-May-88	22.61	93.259	4	
1356	GS	28-Jun-88	20.121	94.972	4.6	
1357	GS	28-Jun-88	24.61	94.75	4.7	
1358	GS	03-Jul-88	22.078	94.251	5.2	
1359	GS	10-Jul-88	25.064	95.372	4.8	
1360	GS	10-Jul-88	12.163	92.867	4.5	
1361	GS	11-Jul-88	22.27	93.88	4.5	
1362	GS	20-Jul-88	25.864	100.915	4.6	
1363	GS	21-Jul-88	18.906	94.841	4.6	
1364	GS	21-Jul-88	15.364	94.057	3.9	
1365	GS	24-Jul-88	19.082	100.051	4.2	
1366	GS	26-Jul-88	13.957	93.236	5.1	4.3
1367	GS	28-Jul-88	19.71	94.55	4.1	
1368	GS	01-Aug-88	21.028	94.966	4.2	
1369	GS	05-Aug-88	12.006	93.07	4.9	4.3
1370	GS	06-Aug-88	25.149	95.127	6.8	7.2
1371	GS	06-Aug-88	25.362	94.97	4.5	
1372	GS	07-Aug-88	25.707	95.218	4.4	
1373	GS	08-Aug-88	24.47	94.57	4.6	
1374	GS	08-Aug-88	25.382	95.001	4.8	
1375	GS	13-Aug-88	25.32	95.156	5	
1376	GS	14-Aug-88	22.837	99.74	4.7	
1377	GS	21-Aug-88	25.303	95.099	4.9	
1378	GS	04-Sep-88	25.107	95.012	4.4	
1379	GS	11-Sep-88	19.094	95.82	4.2	
1380	GS	12-Sep-88	20.829	94.057	4.6	
1381	GS	17-Sep-88	25.232	95.161	4.6	

No.	SOURCE	D/M/Y	LAT	LONG	BODYMAG	SURMAG
1382	GS	19-Sep-88	21.924	95.355	4.6	
1383	GS	03-Oct-88	12.368	93.755	4.6	
1384	GS	09-Oct-88	24.683	943693	4.5	
1385	GS	12-Oct-88	22	95.42	4.4	
1386	GS	22-Oct-88	20.733	102.588	4	
1387	GS	22-Oct-88	22.445	92.888	4.6	
1388	GS	23-Oct-88	20.32	94.395	5.2	
1389	GS	03-Nov-88	12.345	92.675	4.8	
1390	GS	06-Nov-88	22.789	99.611	6.1	7.3
1391	GS	06-Nov-88	23.181	99.439	6.4	
1392	GS	06-Nov-88	22.82	99.56	5.8	
1393	GS	06-Nov-88	22.9	99.71	5	
1394	GS	06-Nov-88	23.239	99.44	5.1	
1395	GS	06-Nov-88	23.301	99.454	4.9	
1396	GS	06-Nov-88	22.514	99.816	4.6	
1397	GS	06-Nov-88	23.424	99.5	5.1	
1398	GS	06-Nov-88	23.74	98.79	4.4	
1399	GS	06-Nov-88	22.799	98.993	4.3	
1400	GS	06-Nov-88	23.906	99.441	3.8	
1401	GS	06-Nov-88	23.029	99.789	5.4	4.9
1402	GS	06-Nov-88	23.389	99.306	4.9	
1403	GS	06-Nov-88	23.196	99.541	4.2	
1404	GS	06-Nov-88	22.01	99.575	4.6	
1405	GS	07-Nov-88	23.408	99.495	4.9	
1406	GS	07-Nov-88	23.593	99.513	4.4	
1407	GS	07-Nov-88	23.263	99.51	4.2	
1408	GS	08-Nov-88	23.109	99.523	4.8	
1409	GS	10-Nov-88	23.436	99.345	4.6	
1410	GS	11-Nov-88	22.936	99.504	4.7	
1411	GS	12-Nov-88	23.445	99.56	4.5	
1412	GS	15-Nov-88	23.145	99.685	5.2	4.8
1413	GS	17-Nov-88	23.36	99.289	4.9	
1414	GS	18-Nov-88	23.414	99.14	4.9	
1415	GS	18-Nov-88	23.21	99.685	5	
1416	GS	18-Nov-88	22.722	99.629	4.4	
1417	GS	19-Nov-88	23.058	99.771	5	
1418	GS	20-Nov-88	23.456	99.385	4.7	
1419	GS	27-Nov-88	22.749	99.852	5	5.1
1420	GS	27-Nov-88	23.15	93.36	5.2	
1421	GS	28-Nov-88	23.044	99.717	4.9	
1422	GS	30-Nov-88	24.101	95.585	4.9	
1423	GS	30-Nov-88	22.773	99.844	5.6	6
1424	GS	04-Dec-88	25.22	94.974	4.7	
1425	GS	05-Dec-88	21.03	93.89	4.6	
1426	GS	08-Dec-88	23.413	99.47	4.9	
1427	GS	19-Dec-88	23.36	99.514	5	4.9
1428	GS	19-Dec-88	23.459	99.462	4.6	
1429	GS	22-Dec-88	23.255	99.37	5	
1430	GS	26-Dec-88	23.409	99.486	4.4	
1431	GS	27-Dec-88	23.256	94.699	4.9	
1432	GS	30-Dec-88	22.442	94.016	4.5	
1433	GS	01-Jan-89	12.52	92.862	4.1	
1434	GS	02-Jan-89	24.986	95.098	4.2	
1435	GS	10-Jan-89	24.103	92.463	4.3	
1436	GS	16-Jan-89	22.701	99.379	4.3	
1437	GS	22-Jan-89	24.743	94.21	4	
1438	GS	22-Jan-89	18.299	94.123	5.2	
1439	GS	23-Jan-89	18.215	96.04	4.4	
1440	GS	24-Jan-89	22.881	99.611	4.5	
1441	GS	27-Jan-89	25.621	95.214	4.3	
1442	GS	29-Jan-89	22.845	98.329	5.2	
1443	GS	10-Feb-89	26.019	99.523	4.4	
1444	GS	22-Feb-89	25.991	98.941	4.7	
1445	GS	03-Apr-89	25.17	94.652	5.2	
1446	GS	06-Apr-89	25.12	95.257	4.1	
1447	GS	07-Apr-89	20.434	100.705	4.2	

No.	SOURCE	D/M/Y	LAT	LONG	BODYMAG	SURMAG
1448	GS	07-Apr-89	20.576	100.586	4.6	
1449	GS	09-Apr-89	19.26	95.73	3.9	
1450	GS	13-Apr-89	24.472	92.505	5.1	5
1451	GS	14-Apr-89	23.322	99.308	4.6	
1452	GS	16-Apr-89	25.137	95.846	4.7	4.2
1453	GS	21-Apr-89	21.652	95.494	4.7	
1454	GS	24-Apr-89	24.52	95.002	4.7	
1455	GS	29-Apr-89	25.25	91.6	4.3	
1456	GS	06-May-89	22.471	99.776	4.7	4.5
1457	GS	07-May-89	23.553	99.526	5.3	5.6
1458	GS	18-May-89	23.741	93.163	1.8	
1459	GS	22-May-89	22.344	104.465	4.1	
1460	GS	04-Jun-89	23.443	99.325	5	
1461	GS	09-Jun-89	25.265	101.976	4.5	
1462	GS	16-Jun-89	20.672	102.446	5.1	5.5
1463	GS	28-Jun-89	23.851	94.387	5	
1464	GS	10-Jul-89	23.544	94.351	4.5	
1465	GS	30-Jul-89	24.456	94.033	4.5	
1466	GS	09-Aug-89	24.559	94.707	5.2	
1467	GS	17-Aug-89	12.508	95.757	4.8	
1468	GS	20-Aug-89	20.263	99.163	4.3	
1469	GS	20-Aug-89	20.273	99.322	4.6	
1470	GS	27-Aug-89	20.357	98.813	4.5	4.3
1471	GS	19-Sep-89	25.897	99.736	4.5	
1472	GS	20-Sep-89	25.47	103.214	4.7	
1473	GS	24-Sep-89	20.697	94.968	5.3	
1474	GS	25-Sep-89	23.02	94.598	3.8	
1475	GS	26-Sep-89	12.534	95.467	4.9	
1476	GS	27-Sep-89	23.221	99.678	4.2	
1477	GS	28-Sep-89	20.214	98.746	4.1	
1478	GS	28-Sep-89	20.329	98.822	5.5	5.7
1479	GS	28-Sep-89	19.35	97.67	4.6	
1480	GS	28-Sep-89	20.205	98.51	4.3	
1481	GS	30-Sep-89	20.236	98.848	5.3	5.6
1482	GS	08-Oct-89	20.195	99.23	4.4	
1483	GS	12-Oct-89	24.344	95.522	4.4	
1484	GS	26-Nov-89	25.791	96.524	4.4	
1485	GS	02-Dec-89	21.24	93.79	5.2	4.6
1486	GS	03-Dec-89	21.218	93.71	4.7	
1487	GS	09-Dec-89	22.872	94.592	4.8	
1488	GS	27-Dec-89	11.172	93.045	4	
1489	GS	29-Dec-89	24.637	94.518	4.4	
1490	GS	29-Dec-89	24.209	94.738	4.3	
1491	GS	31-Dec-89	22.612	94.237	4.4	

ภาคผนวก ข.

แสดงค่าอัตราเร่งที่หาจาก แบบจำลองของ Eatava

(เฉพาะจุดที่สำคัญจำนวน 9 จุด)

อำเภอทองผาภูมิ จังหวัดกาญจนบุรี

No.	DIST	MAGNITUDE	ACCEL.	No.	DIST	MAGNITUDE.	ACCEL.	No.	DIST	MAGNITUDE	ACCEL.
2	708.233	3.185	0.127849	308	656.0722	3.026	0.130083	625	641.2809	2.549	0.092715
7	529.9445	4.298	0.536786	310	630.313	4.1708	0.350523	629	629.0015	2.39	0.084665
10	677.1144	5.093	0.640473	314	743.5233	3.185	0.116591	630	631.1637	2.231	0.074073
15	601.528	4.457	0.481146	316	730.2366	3.185	0.120649	631	683.7048	4.5	0.391314
21	495.5459	4.139	0.535341	320	651.2785	3.503	0.193174	633	741.6384	4.1	0.243591
22	531.597	4.139	0.469942	326	503.6206	3.821	0.402854	635	750.1407	4.1	0.238377
23	792.4168	4.298	0.251643	329	779.6979	4.934	0.431646	640	710.7688	3.026	0.111819
27	429.123	4.139	0.697671	331	694.1939	2.867	0.102959	642	552.7121	4.9	0.803406
30	276.6909	4.934	2.891773	332	658.5034	3.026	0.129179	644	588.0885	2.708	0.12388
31	262.0998	4.775	2.798286	333	692.269	2.708	0.091139	655	444.8263	4.9	1.200743
38	719.5394	5.093	0.570922	334	753.8029	3.821	0.188936	656	514.7194	2.708	0.158817
41	712.5021	3.503	0.163019	335	684.2531	3.185	0.136455	657	535.5145	3.344	0.245414
42	730.08	3.98	0.227987	336	700.3332	3.026	0.114994	660	511.0694	2.549	0.141706
43	735.698	4.775	0.424431	337	697.7836	3.98	0.248384	665	543.7754	3.026	0.184942
47	604.5261	4.298	0.419745	342	541.4754	3.026	0.186408	666	751.2485	3.503	0.147445
49	722.629	4.775	0.439103	343	539.3743	2.867	0.165336	668	657.4105	3.344	0.167123
50	731.7556	3.344	0.136475	346	724.4297	3.98	0.23137	669	688.847	3.821	0.224113
53	785.1503	3.026	0.092568	355	760.7257	4.298	0.271956	671	694.9043	2.867	0.10276
54	787.7014	3.98	0.197349	356	739.0744	4.298	0.287282	673	787.237	3.344	0.118783
59	530.89	3.185	0.219617	357	769.8878	3.503	0.140736	674	304.493	4.1	1.254045
61	656.6862	4.775	0.526161	360	573.8165	3.821	0.315982	677	551.3059	3.185	0.204713
64	530.6263	4.457	0.608142	363	688.7454	3.026	0.11868	678	799.2182	4.1	0.211312
65	512.3527	4.616	0.737085	365	492.6173	3.662	0.369544	679	480.5939	2.708	0.180321
70	449.4098	4.139	0.64103	370	775.6325	4.298	0.262106	681	466.0097	2.549	0.168067
71	370.073	4.298	1.036917	375	589.1061	3.344	0.205383	689	721.1376	4.1	0.25689
72	793.2936	4.298	0.251113	377	695.2466	3.662	0.193924	690	672.3197	4.1	0.293308
73	623.1329	3.185	0.162768	381	253.8023	4.139	1.778744	696	598.2586	4.1	0.365326
74	479.8361	3.821	0.440561	382	333.1883	4.775	1.833736	698	755.1548	3.98	0.213835
75	723.0969	4.139	0.263672	385	729.6485	3.821	0.200981	700	441.0065	4.85	1.172057
76	727.6155	4.139	0.260577	386	546.8107	3.662	0.30444	701	540.8482	2.072	0.087086
77	727.6155	3.344	0.137951	387	572.84	2.867	0.147772	703	430.8496	3.662	0.47286
78	727.302	3.185	0.121573	391	652.0517	3.026	0.131599	705	612.9169	3.185	0.167901
87	716.4691	4.139	0.268313	392	477.7166	3.185	0.267046	707	781.235	2.867	0.082291
88	679.3329	4.298	0.336982	393	585.4008	3.662	0.268028	711	673.0922	3.185	0.14076
94	257.8374	3.662	1.181785	395	565.7139	3.026	0.171788	712	603.7432	3.026	0.152091
95	529.2176	4.139	0.473879	399	608.2356	3.821	0.283318	713	420.1408	2.708	0.230814
101	592.6199	3.662	0.261946	405	780.4157	3.821	0.176877	714	662.2223	4.1	0.301804
102	538.6765	4.457	0.591339	407	664.1289	3.185	0.144366	717	644.1591	1.754	0.048672
105	707.5739	3.026	0.112777	409	575.7048	3.503	0.243506	718	399.9501	1.913	0.133667
107	713.5	3.821	0.209688	410	453.8108	4.298	0.715064	719	684.0894	3.662	0.199946
112	540.4707	3.98	0.401256	411	786.934	3.026	0.092169	721	546.4949	3.185	0.208086
113	249.3748	4.934	3.463489	424	438.7845	3.821	0.519349	722	666.0948	3.821	0.238789
114	779.2453	4.775	0.380509	425	526.1196	3.821	0.371469	725	782.556	3.344	0.120138
143	540.0173	4.934	0.862091	430	663.7582	2.867	0.112057	726	689.8529	2.549	0.080785
148	679.1096	4.616	0.434871	432	421.5598	3.026	0.29585	731	690.3667	3.8	0.219463
149	669.5094	3.98	0.268575	433	631.7791	3.344	0.180119	736	665.6621	2.708	0.098141
150	738.7784	3.662	0.17285	447	681.8941	2.549	0.082576	742	515.6443	4.2	0.522184
151	726.7172	4.139	0.261188	448	778.0709	5.093	0.492148	746	521.8859	3.821	0.377088
152	609.388	4.775	0.605598	449	475.801	3.662	0.394033	753	699.2739	4.8	0.476725
158	531.9217	3.98	0.413341	462	561.601	3.026	0.174145	755	669.5617	2.549	0.085471
167	194.448	3.662	1.907235	471	534.7843	2.072	0.088933	757	630.8125	2.549	0.095631
168	586.1087	2.708	0.124665	481	344.2609	2.867	0.375866	759	672.0907	5.5	0.899525
169	568.3058	3.821	0.321733	486	775.531	3.503	0.138795	763	297.1276	3.821	1.047492
170	730.3036	4.139	0.258762	487	555.1326	2.072	0.082956	765	303.6491	5.1	2.804653
171	429.3404	4.775	1.159357	490	735.9493	3.662	0.174113	766	766.549	1.913	0.039771
173	455.9033	3.344	0.330536	491	593.3399	3.503	0.230134	769	557.4066	3.185	0.200554
186	658.017	3.98	0.277492	502	558.62	3.662	0.292546	781	529.2276	3.026	0.194516
191	582.7758	4.457	0.510558	503	233.21	4.6	2.974395	792	699.9842	2.549	0.078588
214	588.3532	4.139	0.388881	505	744.9746	3.503	0.149811	794	782.7139	4.139	0.226843
227	690.7746	4.457	0.370802	512	682.4028	3.503	0.176887	810	731.6073	3.185	0.12022
228	779.35	3.821	0.177337	513	779.35	3.185	0.106618	811	378.9831	3.662	0.597179
229	787.7014	4.139	0.224118	515	769.3399	3.821	0.181751	812	656.4588	3.185	0.147564
230	787.7014	3.662	0.153021	516	751.6249	3.98	0.215746	813	601.2031	2.708	0.118865
231	779.35	3.98	0.201392	517	753.8756	3.662	0.166338	814	691.9733	3.662	0.195662
233	787.7014	4.139	0.224118	519	765.019	4.139	0.236925	815	684.0391	3.662	0.199974
234	780.9348	3.821	0.176653	527	694.5408	2.708	0.090576	817	671.8824	3.662	0.206862
235	772.5103	3.821	0.180336	529	635.5807	5.3	0.851613	818	720.1398	3.662	0.18143
236	787.7014	3.662	0.153021	530	638.4371	3.98	0.29374	820	759.5748	3.503	0.14439
237	772.5103	3.821	0.180336	531	628.082	5.6	1.107051	823	438.2325	2.867	0.242665
238	752.5485	3.821	0.189534	532	629.211	3.821	0.265836	830	685.5491	4.457	0.376162
239	768.3204	3.662	0.160446	533	635.5807	2.867	0.121599	833	743.6778	2.708	0.079574
242	755.8426	4.616	0.355056	534	629.5103	3.662	0.233874	834	659.2363	2.39	0.077502
243	754.6689	3.662	0.166006	535	634.121	3.185	0.157505	836	566.6214	5.729	1.488713
244	764.1456	3.344	0.125702	537	634.6082	3.026	0.138492	843	584.3678	3.98	0.346817
245	706.3861	3.98	0.242692	539	632.8809	3.821	0.262944	844	637.7059	4.4	0.411929
248	654.5691	4.616	0.466144	540	522.8316	2.867	0.175198	848	245.3003	2.39	0.465537
249	636.0622	3.662	0.229363	543	343.8083	3.026	0.427858	853	713.2482	3.503	0.162697
250	330.1975	3.98	0.98654	545	763.0282	3.662	0.162568	857	66.19792	4.457	17.55805
251	530.4208	3.344	0.249817	550	664.652	4.5	0.412761	858	62.57479	2.231	3.171287
252	500.9803	3.98	0.461975	551	684.9789	4.45	0.37465	862	59.64495	5.8	58.39879
253	456.6242	4.298	0.706985	558	228.9396	4.7	3.325261	863	59.31157	4.4	19.18249
254	554.5314	4.139	0.434385	559	592.4516	4.1	0.372065	864	70.52326	4.5	16.77802
255	491.0308	3.662	0.371756	561	501.5353	4.6	0.757074	865	55.19635	3.185	7.89823
256	491.1899	3.344	0.28808	568	667.0073	5.2	0.717803	866	787.014	3.503	0.134967
257	533.8096	4.139	0.466325	570	731.4622	3.821	0.200037	867	78.8474	3.503	6.535451
263	675.6969	3.344	0.158692	571	656.0722	3.821	0.245715	868	700.5663	3.185	0.13051
267	312.1817	4.457	1.596522	578	362.5842	5.8	3.577676	870	538.2096	3.026	0.18852
268	447.0483	3.662	0.44193	581	777.6435	3.662	0.156808	876	771.3181	2.867	0.084315
269	468.725	3.821	0.460016	584	225.9782	5.1	4.681848	881	406.4891	4.5	1.028079
270	446.0282	4.457	0.838273	586	741.5952	3.026	0.103173	892	619.8946	3.185	0.164369
271	256.3493	3.662	1.193684	588	352.7916	4.95	1.904013	894	227.0297	3.662	1.470205
272	250.5809	3.98	1.601207	590	654.1315	3.344	0.168705	899	65.70271	2.708	4.373925
273	241.2489	3.344	1.027616	597	756.8589	3.662	0.165095	909	488.2651	3.026	0.225852
278	785.1489	5.411	0.623875	598	775.1399	4.7	0.361969	911	744.1036	3.662	0.17051
280	295.0911	3.344	0.723914	599	283.5221	2.549	0.411143	915	531.6307	3.662	0.320823
281	775.197	4.139	0.231046	600	655.9158	4.45	0.406596	918	694.0678	4.298	0.323589
284	705.4062	3.662	0.188674	602	602.8238	4.5	0.49598	920	361.4085	3.185	0.444219
290	548.7899	3.662	0.302396	610	766.4348	3.344	0.12499	922	388.9797	2.867	0.301587
291	476.8099	4.457	0.74139	615	406.925	3.185	0.358345	923	395.6203	2.549	0.22677
293	631.5969	3.662	0.232423	616	411.6515	2.867	0.272069	924	395.5963	3.026	0.332169
301	723.8039	3.503	0.158231	617	240.0323	2.708	0.6232	925	404.3886	3.821	0.602856
302	755.3062	4.298	0.275675	618	239.743	3.662	1.339611	926	404.1425	3.503	0.467962
303	591.7227	3.503	0.231314	619	251.4383	3.344	0.957016	927	399.0551	3.185	0.371306
305	440.7353	3.8846	0.542031	623	696.1117	3.821	0.219711	928	404.0506	4.4	0.959488
306	435.8345	3.98	0.597131	624	740.1153	3.185	0.117612	929	392.9862	2.549	0.229537

No.	DIST	MAGNITUDE	ACCEL.
930	585.5707	3.185	0.39895
931	402.4447	3.026	0.321966
932	391.6367	2.231	0.179094
934	376.0663	3.662	0.605581
944	610.207	3.185	0.169304
945	599.2014	1.595	0.049099
949	573.3788	4.298	0.463456
952	300.1179	3.026	0.54484
957	691.0586	3.185	0.133926
958	494.0952	3.503	0.323607
959	477.7096	3.344	0.303277
960	534.1244	3.344	0.246604
962	356.9596	3.344	0.515846
963	498.2366	3.026	0.217561
964	497.7487	3.026	0.217956
965	499.7162	4.7	0.825666
966	492.6535	6	2.398347
967	514.3224	3.344	0.264538
969	774.299	2.867	0.083699
970	793.5731	3.98	0.194578
971	689.2173	3.344	0.152862
974	756.4538	3.821	0.18768
978	471.0681	3.98	0.517636
982	452.3353	2.867	0.228962
983	597.9069	3.185	0.175896
992	526.8597	2.708	0.152087
993	555.9781	3.98	0.380646
994	557.7273	4.775	0.714804
995	567.4395	4.616	0.609459
997	584.2308	3.662	0.269034
998	562.3507	3.662	0.288934
999	591.7241	3.344	0.203684
1000	578.6975	3.662	0.273867
1002	575.1639	3.821	0.314599
1003	549.9703	3.821	0.342042
1004	554.9735	3.503	0.260771
1005	552.1911	3.503	0.263227
1006	550.2669	3.98	0.388047
1007	572.3407	5.1	0.883331
1008	567.8227	3.503	0.249862
1009	576.2398	3.821	0.313502
1010	540.5347	3.662	0.311058
1011	549.0499	3.503	0.266042
1012	578.8148	3.344	0.212271
1013	566.426	3.662	0.285063
1014	569.8576	3.344	0.218552
1015	562.4909	3.821	0.327973
1016	580.8603	3.821	0.308853
1017	575.4308	3.503	0.243723
1018	579.0571	3.662	0.273549
1019	573.9755	4.298	0.462556
1020	585.1511	4.139	0.392875
1021	594.8528	3.662	0.260106
1022	558.9459	4.457	0.551993
1023	596.4579	3.503	0.227885
1024	583.1334	4.5	0.52782
1025	582.3042	3.821	0.307421
1026	577.5708	3.344	0.213127
1027	530.1913	1.913	0.079578
1028	563.168	3.503	0.253734
1029	492.3084	3.503	0.325783
1030	588.6433	3.503	0.233586
1031	563.1728	3.662	0.288147
1032	561.3068	3.503	0.255307
1033	587.12	5.3	0.988315
1034	594.6441	2.549	0.106842
1035	585.9258	4.5	0.523121
1036	589.2708	5	0.772131
1037	581.0812	4.457	0.513348
1038	572.4569	3.98	0.360438
1039	569.3383	2.708	0.131621
1040	567.64	3.662	0.283926
1041	558.4823	3.662	0.292681
1042	565.7269	3.662	0.285722
1043	570.0538	3.503	0.248038
1044	586.1821	3.662	0.26736
1045	578.5617	3.026	0.164726
1046	577.7573	3.821	0.311963
1047	595.1261	5	0.75796
1048	576.6712	4.139	0.403754
1049	592.9574	3.344	0.202891
1050	592.3951	4.139	0.383925
1051	564.3745	3.344	0.222536
1052	600.7838	3.821	0.289946
1053	593.6052	2.867	0.138245
1054	595.3958	3.344	0.201337
1055	595.3745	3.503	0.228663
1056	582.6901	3.821	0.30704
1057	583.8836	3.821	0.305867
1058	579.2102	3.026	0.164381
1060	575.2019	2.549	0.113701
1061	589.8636	5.1	0.834866
1062	566.0445	3.344	0.221311
1063	589.7191	3.98	0.340948
1064	602.1877	3.821	0.288679
1065	601.2416	2.867	0.134972
1066	601.3013	4.8	0.633512
1067	616.827	3.503	0.21397
1068	579.8855	3.503	0.240233
1069	586.7177	3.98	0.344221
1070	583.8306	4.5	0.526641
1071	577.6905	3.503	0.241943
1072	576.2623	4.3	0.459864
1073	573.6856	3.026	0.167354
1074	582.1157	4.3	0.451252
1075	562.0044	3.662	0.289266
1076	579.7062	4.298	0.45404
1077	573.7877	3.503	0.24503
1078	583.0303	4.298	0.449208
1079	563.3909	2.867	0.152436
1082	571.2954	4.3	0.467368
1084	572.0059	3.344	0.217021
1085	573.7779	3.503	0.245037
1088	576.4991	4.4	0.497783
1089	580.1579	3.821	0.309553
1090	726.7519	3.8	0.199129
1101	441.1142	3.821	0.514331
1103	333.6421	2.708	0.350052
1108	317.4319	4.7	1.882559
1116	293.5475	2.708	0.439267
1121	647.7444	2.708	0.103321
1137	691.3535	3.185	0.133818
1138	706.1482	3.344	0.146003
1145	711.0637	3.185	0.126887
1146	632.143	3.344	0.179924
1147	630.644	3.185	0.159143
1148	566.5794	2.072	0.079854
1149	639.5122	3.662	0.22704
1159	484.2629	4.4	0.688345
1163	349.0823	2.39	0.250309
1168	796.6855	2.549	0.061472
1169	747.7147	4.5	0.330301
1173	736.3914	2.231	0.055355
1176	571.8287	3.662	0.280051
1177	516.776	4.7	0.775844
1199	701.766	3.503	0.167773
1202	709.5966	3.503	0.164286
1207	513.7367	4.3	0.56958
1209	701.9534	3.503	0.167688
1224	536.9301	4.139	0.461294
1231	567.973	4.1	0.402629
1235	618.3245	2.867	0.128058
1236	761.2427	3.503	0.143789
1241	799.4161	3.185	0.101582
1242	709.8135	3.662	0.186462
1245	350.6725	2.549	0.281952
1246	790.9249	3.821	0.172431
1248	429.0935	2.708	0.222088
1252	766.3636	4.139	0.236136
1253	549.5202	3.185	0.205955
1258	596.909	2.708	0.120473
1259	394.4894	4.6	1.176071
1266	629.8965	3.821	0.265292
1267	242.7705	2.867	0.694093
1268	252.9105	5.1	3.860464
1269	265.293	5.6	5.301435
1270	194.1508	2.231	0.608591
1273	598.5753	2.867	0.136101
1274	478.3584	4.298	0.648942
1280	597.8229	3.026	0.154927
1281	593.1589	3.821	0.296971
1297	787.8889	3.503	0.134682
1301	245.1515	2.708	0.601025
1306	680.6593	3.503	0.177744
1320	729.7957	2.549	0.072619
1321	723.6306	2.708	0.083806
1325	743.5977	3.026	0.102646
1327	280.1909	4.9	2.752989
1328	324.1016	1.913	0.195158
1330	305.2482	3.026	0.528768
1331	715.7384	3.344	0.142321
1332	675.5374	4.5	0.400298
1336	587.6086	3.662	0.266146
1342	458.6925	2.708	0.196507
1343	553.7142	4.298	0.494665
1348	54.04189	4.139	17.36126
1349	58.65544	3.98	13.8912
1352	678.0581	4.8	0.505312
1353	673.2307	3.344	0.159791
1356	708.079	3.344	0.145251
1360	675.3438	3.185	0.139875
1363	612.4523	3.344	0.190948
1364	496.5002	2.231	0.115925
1365	502.6293	2.708	0.165973
1366	584.2661	4.3	0.448148
1367	699.128	2.549	0.07877
1368	791.8498	2.708	0.070624
1369	662.4602	4.3	0.35393
1379	565.2101	2.708	0.133423
1383	578.8567	3.344	0.212243
1386	784.659	2.39	0.05572
1388	761.5158	4.298	0.27142
1389	687.0095	3.662	0.198343
1433	661.3997	2.549	0.087472
1438	623.094	4.298	0.396566
1439	473.1291	3.026	0.239373
1447	663.7398	2.708	0.098678
1448	673.9689	3.344	0.159461
1449	585.5642	2.231	0.085265
1462	770.7891	5.5	0.693854
1467	385.0886	3.662	0.580147
1468	608.1712	2.867	0.132101
1469	611.1985	3.344	0.191684
1470	615.7059	4.3	0.406203
1473	760.8965	4.457	0.308713
1475	408.9132	3.821	0.590765
1477	600.0392	2.549	0.105048
1478	612.7213	5.7	1.256364
1479	516.3823	3.344	0.262583
1480	598.9389	2.867	0.135946
1481	602.8033	5.6	1.195834
1482	601.6397	3.026	0.15309
1488	708.4024	2.39	0.067653

อำเภอศรีสวัสดิ์ จังหวัดกาญจนบุรี

No.	DIST	MAGNITUDE	ACCEL.
2	758.8489	3.185	0.112161
7	594.0982	4.298	0.433664
10	715.1688	5.093	0.57755
15	663.1235	4.457	0.400539
21	538.0145	4.139	0.459564
22	593.4696	4.139	0.382624
27	490.3010	4.139	0.545983
30	337.5756	4.934	2.034358
31	324.7192	4.775	1.919887
38	764.9725	5.093	0.508294
41	754.8420	3.503	0.146114
42	766.1152	3.980	0.208059
43	789.5827	4.775	0.371085
47	647.0092	4.298	0.369438
49	773.3886	4.775	0.386008
50	782.1616	3.344	0.120254
59	591.2445	3.185	0.179628
61	669.6871	4.775	0.50706
64	594.3926	4.457	0.492031
65	575.1444	4.616	0.594287
70	491.2516	4.139	0.544031
71	423.5473	4.298	0.81148
73	674.1865	3.185	0.140329
74	521.2049	3.821	0.378004
75	776.1737	4.139	0.230494
76	780.1458	4.139	0.228266
77	780.1458	3.344	0.120845
78	780.1526	3.185	0.10641
87	771.879	4.139	0.232939
88	732.0138	4.298	0.292561
94	324.8988	3.662	0.787322
95	594.3926	4.139	0.381512
101	629.1869	3.662	0.2341
102	595.6668	4.457	0.49006
105	754.2236	3.026	0.099918
107	759.5403	3.821	0.186234
112	589.2684	3.98	0.341436
113	304.1308	4.934	2.448997
143	605.1856	4.934	0.696732
148	730.3388	4.616	0.378955
149	720.4499	3.98	0.233798
150	799.5283	3.662	0.14874
151	793.7816	4.139	0.220861
152	669.4258	4.775	0.507433
158	587.5835	3.98	0.343272
167	260.0984	3.662	1.164045
168	652.3951	2.708	0.101938
169	627.8879	3.821	0.26689
170	767.4842	4.139	0.235481
171	478.2583	4.775	0.950824
173	502.5193	3.344	0.276174
179	799.6377	3.98	0.191778
186	669.9483	3.98	0.268243
191	635.8256	4.457	0.43355
214	648.18	4.139	0.324205
227	733.9234	4.457	0.330607
238	780.2953	3.821	0.176929
239	798.2691	3.662	0.149187
242	786.6227	4.616	0.329106
243	786.6227	3.662	0.15342
244	794.3692	3.344	0.116761
245	761.6106	3.98	0.210404
248	693.3903	4.616	0.4181
249	681.248	3.662	0.201524
250	376.7637	3.98	0.778398
251	577.9211	3.344	0.212886
252	538.0525	3.98	0.40462
253	500.8313	4.298	0.596132
254	592.0331	4.139	0.384365
255	538.5833	3.662	0.313159
256	533.1832	3.344	0.247415
257	570.2942	4.139	0.412236
263	717.2046	3.344	0.141771
267	369.622	4.457	1.180163
268	495.0655	3.662	0.36617
269	519.5956	3.821	0.380181
270	494.6164	4.457	0.692825
271	323.4018	3.662	0.793822
272	317.5733	3.98	1.05743
273	308.3017	3.344	0.670041
280	353.3168	3.344	0.525445
284	744.5658	3.662	0.170309
290	612.8893	3.662	0.245934
291	541.3225	4.457	0.585968
293	656.9712	3.662	0.215808
301	780.0808	3.503	0.137259
302	790.5342	4.298	0.252785
303	647.3237	3.503	0.195403
305	474.4631	3.8846	0.473291
306	483.045	3.98	0.494201
308	706.7468	3.026	0.113027
310	674.2868	4.1708	0.308693
314	782.4151	3.185	0.105825
316	751.621	3.185	0.114218
320	703.938	3.503	0.166794
326	543.8762	3.821	0.349219
331	734.4794	2.867	0.092526
332	697.4802	3.026	0.115885
333	729.9937	2.708	0.082427
334	786.9192	3.821	0.174106
335	720.1973	3.185	0.123856
336	738.8337	3.026	0.103906
337	737.0001	3.98	0.223944
342	604.3447	3.026	0.151807
343	599.2949	2.867	0.135795
346	762.2092	3.98	0.21009
356	789.8699	4.298	0.25319
360	638.4435	3.821	0.25865
363	740.2531	3.026	0.103528
365	555.943	3.662	0.29518
375	614.3672	3.344	0.189832
377	747.1867	3.662	0.169177
381	319.1286	4.139	1.190485
382	370.5533	4.775	1.515144
385	772.8606	3.821	0.18018
386	582.8499	3.662	0.270228
387	638.7504	2.867	0.120466
391	645.5654	3.026	0.1341
392	532.8243	3.185	0.218136
393	636.8787	3.662	0.22881
395	608.0697	3.026	0.150067
399	666.7835	3.821	0.238323
407	678.24	3.185	0.138749
409	597.4509	3.503	0.227175
410	504.5762	4.298	0.587961
413	795.576	3.662	0.15015
424	489.0492	3.821	0.425351
425	590.7758	3.821	0.299219
430	707.9151	2.867	0.099216
432	472.1762	3.026	0.240264
433	686.8562	3.344	0.153856
447	734.8485	2.549	0.071675
449	536.535	3.662	0.315388
462	621.2479	3.026	0.144145
471	600.2177	2.072	0.071683
481	410.2977	2.867	0.273707
487	620.3075	2.072	0.067388
490	745.2415	3.662	0.170016
491	646.2155	3.503	0.196035
502	623.3181	3.662	0.238261
503	300.2711	4.6	1.917528
505	797.4028	3.503	0.131639
512	736.5125	3.503	0.153094
516	784.5656	3.98	0.198853
517	786.8762	3.662	0.153326
519	798.5408	4.139	0.218361
527	746.0674	2.708	0.07909
529	692.5192	5.3	0.724367
530	694.7456	3.98	0.250442
531	685.3236	5.6	0.939212
532	685.5423	3.821	0.226159
533	692.5192	2.867	0.10343
534	685.9735	3.662	0.19891
535	692.0432	3.185	0.133565
537	691.1612	3.026	0.117897
539	689.5282	3.821	0.223694
540	582.4996	2.867	0.143221
543	410.498	3.026	0.310558
550	716.7979	4.5	0.35784
551	737.2438	4.45	0.325958
558	295.9909	4.7	2.130493
559	631.1683	4.1	0.330378
561	516.4309	4.6	0.717083
568	665.9713	5.2	0.719911
570	775.4881	3.821	0.179021
571	655.2966	3.821	0.246263
578	426.0952	5.8	2.669101
584	290.5923	5.1	3.030569
586	799.9185	3.026	0.089342
588	416.1491	4.95	1.411824
590	652.2458	3.344	0.169626
597	745.8493	3.662	0.169753
598	762.2482	4.7	0.373695
599	349.3946	2.549	0.283806
600	652.5569	4.45	0.410549
602	658.6495	4.5	0.419884
610	753.5924	3.344	0.129068
615	456.1297	3.185	0.29079
616	461.7679	2.867	0.220435
617	307.0924	2.708	0.405652
618	306.8056	3.662	0.871616
619	318.0155	3.344	0.634175
623	746.8807	3.821	0.192274
624	784.7974	3.185	0.105215
625	696.5565	2.549	0.079321
629	684.4849	2.39	0.072194
630	687.4775	2.231	0.063049
631	736.4278	4.5	0.339974
633	789.4202	4.1	0.216334
635	798.448	4.1	0.2117
640	761.0936	3.026	0.098211
642	613.0035	4.9	0.661899
644	646.2381	2.708	0.103775
655	491.4012	4.9	0.999487
656	562.2684	2.708	0.13473
657	592.5884	3.344	0.203128
660	523.81	2.549	0.135374
665	604.8964	3.026	0.151547
666	794.4132	3.503	0.132584
668	697.8004	3.344	0.149326
669	730.8975	3.821	0.20033
671	737.7799	2.867	0.091743
674	367.6587	4.1	0.895531
677	609.007	3.185	0.169931
679	544.9582	2.708	0.142822
681	530.789	2.549	0.132084
689	768.0752	4.1	0.227914
690	712.9841	4.1	0.262484
696	647.8317	4.1	0.314564
700	508.0238	4.85	0.902925
701	505.7837	2.072	0.098636
703	497.8847	3.662	0.362342
705	670.8269	3.185	0.141658
707	787.2733	2.867	0.081094
711	727.5225	3.185	0.121503
712	655.6454	3.026	0.130242
713	468.5259	2.708	0.188981
714	717.2046	4.1	0.259566
717	702.2766	1.754	0.041348
718	398.618	1.913	0.134481
719	734.7176	3.662	0.174667
721	603.3112	3.185	0.172953
722	718.2073	3.821	0.207092
726	742.2461	2.549	0.070326
731	742.843	3.8	0.191027
736	717.9815	2.708	0.08506
742	550.9281	4.2	0.461688
746	556.6654	3.821	0.334409
753	711.9297	4.8	0.460813
755	721.9863	2.549	0.074115
757	682.1121	2.549	0.082526
759	725.5615	5.5	0.778258
763	355.0589	3.821	0.762809
765	361.9934	5.1	2.049612
769	604.4537	3.185	0.17234
781	594.1188	3.026	0.156743
792	750.7212	2.549	0.068826
810	767.1756	3.185	0.109859
811	428.8702	3.662	0.476861
812	706.3464	3.185	0.128496
813	650.7096	2.708	0.102436
814	732.3364	3.662	0.175745
815	734.8168	3.662	0.174622
817	725.0726	3.662	0.179098
818	771.5956	3.662	0.159154
820	745.8954	3.503	0.14946
823	485.4597	2.867	0.201005
830	736.1466	4.457	0.328716
833	785.7332	2.708	0.071674
834	636.9922	2.39	0.082678
836	623.3771	5.729	1.244874
843	641.1826	3.98	0.291376
844	695.2156	4.4	0.350006
848	312.3049	2.39	0.305296
853	768.9266	3.503	0.141071
857	49.0301	4.457	24.98243
858	40.482	2.231	5.15133
862	50.58737	5.8	70.6609
863	51.92992	4.4	22.38674
864	49.72693	4.5	25.45672
865	48.53996	3.185	9.13044
867	63.72915	3.503	8.579327
868	736.5125	3.185	0.118706
870	598.9172	3.026	0.154397
881	458.6085	4.5	0.824383
892	672.6666	3.185	0.140928
894	258.5886	3.662	1.175847
899	45.6803	2.708	6.657048
909	550.0583	3.026	0.181025
911	785.113	3.662	0.153982
915	591.2338	3.662	0.263097
918	749.1392	4.298	0.280001
920	413.4872	3.185	0.348049
922	437.8622	2.867	0.243041
923	444.228	2.549	0.183528
924	444.1184	3.026	0.268921
925	452.7907	3.821	0.490246
926	452.8317	3.503	0.380065
927	447.888	3.185	0.300698
928	452.7342	4.4	0.779254
929	441.5129	2.549	0.185603
930	433.062	3.185	0.319841
931	450.7533	3.026	0.261699
932	440.0493	2.231	0.144792
934	424.7456	3.662	0.485363
944	648.0017	3.185	0.151214
945	637.0273	1.595	0.043766
949	629.9819	4.298	0.388454
952	358.3784	3.026	0.397134
957	752.1637	3.185	0.114062
958	536.5796	3.503	0.277675
959	519.8037	3.344	0.259383
960	575.2405	3.344	0.214745
962	409.1063	3.344	0.403009
963	538.5976	3.026	0.188267
964	537.9495	3.026	0.18869
965	540.8273	4.7	0.712921
966	535.694	6	2.053138
967	552.2424	3.344	0.231747
969	788.4178	2.867	0.08087
971	737.395	3.344	0.134502
978	538.1131	3.98	0.404535
982	496.925	2.867	0.192512
983	658.7855	3.185	0.146583
992	563.4193	2.708	0.134216
993	595.77	3.98	0.334489
994	598.3048	4.775	0.626811
995	606.2305	4.616	0.538488
997	620.9943	3.662	0.239939
998	596.4066	3.662	0.258838
999	630.6586	3.344	0.180721
1000	617.6321	3.662	0.242399
1002	613.3959	3.821	0.27886
1003	596.8063	3.821	0.293579
1004	591.092	3.503	0.231777

No.	DIST	MAGNITUDE	ACCEL.
1005	587.4702	3.503	0.23446
1006	595.9502	3.98	0.334299
1007	611.281	5.1	0.780859
1008	603.1553	3.503	0.223164
1009	611.4606	3.821	0.280519
1010	578.885	3.662	0.273702
1011	582.2538	3.503	0.238407
1012	616.1773	3.344	0.188786
1013	603.7639	3.662	0.252955
1014	607.7864	3.344	0.193709
1015	596.402	3.821	0.293952
1016	617.4981	3.821	0.275391
1017	611.9149	3.503	0.217207
1018	614.307	3.662	0.244869
1019	611.861	4.298	0.410352
1020	621.9524	4.139	0.350405
1021	630.6146	3.662	0.233105
1022	598.7003	4.457	0.485416
1023	631.3712	3.503	0.2048
1024	621.3902	4.5	0.468525
1025	618.7706	3.821	0.274329
1026	614.1024	3.344	0.189986
1027	563.7132	1.913	0.070986
1028	603.0355	3.503	0.223247
1029	541.9611	3.503	0.272563
1030	625.1019	3.503	0.208679
1031	600.6842	3.662	0.255393
1032	599.7322	3.503	0.225558
1033	623.1729	5.3	0.883778
1034	627.0539	2.549	0.096712
1035	623.2948	4.5	0.465838
1036	627.3646	5	0.686499
1037	617.4958	4.457	0.45806
1038	608.5835	3.98	0.321403
1039	604.7258	2.708	0.117569
1040	603.9999	3.662	0.25277
1041	593.9777	3.662	0.260825
1042	603.3741	3.662	0.253262
1043	607.5642	3.503	0.220135
1044	624.9221	3.662	0.237113
1045	614.7932	3.026	0.147001
1046	616.1601	3.821	0.276516
1047	632.6065	5	0.67584
1048	612.0227	4.139	0.361159
1049	629.873	3.344	0.181146
1050	629.9617	4.139	0.342077
1051	599.4324	3.344	0.198803
1052	637.0975	3.821	0.259679
1053	629.8232	2.867	0.123699
1054	631.0781	3.344	0.180496
1055	631.2827	3.503	0.204854
1056	620.2833	3.821	0.273073
1057	621.8903	3.821	0.271749
1058	617.6088	3.026	0.145745
1060	611.4333	2.549	0.101405
1061	628.4569	5.1	0.741247
1062	606.4579	3.344	0.194506
1063	628.4854	3.98	0.30255
1064	639.4541	3.821	0.257881
1065	637.4839	2.867	0.120917
1066	638.3184	4.8	0.566254
1067	652.7616	3.503	0.192348
1068	615.6997	3.503	0.214706
1069	622.2281	3.98	0.308295
1070	620.2471	4.5	0.470149
1071	615.9247	3.503	0.214559
1072	613.4616	4.3	0.408998
1073	610.4169	3.026	0.148986
1074	619.1036	4.3	0.402026
1075	598.0189	3.662	0.257531
1076	615.9976	4.298	0.405193
1077	610.7857	3.503	0.217961
1078	619.9989	4.298	0.400295
1079	599.266	2.867	0.135807
1082	610.1387	4.3	0.413189
1084	610.5672	3.344	0.192056
1085	610.6893	3.503	0.218026
1088	612.9348	4.4	0.443777
1089	619.1008	3.821	0.274054
1090	771.5398	3.8	0.177756
1101	487.6782	3.821	0.427564
1103	388.7694	2.708	0.265825
1108	384.4255	4.7	1.335157
1116	350.9827	2.708	0.31969
1121	702.4943	2.708	0.088646
1137	731.8489	3.185	0.120145
1138	749.3905	3.344	0.130445
1145	713.4389	3.185	0.126088
1146	668.9502	3.344	0.161726
1147	666.8695	3.185	0.143249
1148	603.2817	2.072	0.071002
1149	675.9258	3.662	0.204532
1159	534.912	4.4	0.572403
1163	413.1132	2.39	0.184563
1169	737.8557	4.5	0.338727
1173	783.7543	2.231	0.049172
1176	620.1168	3.662	0.240578
1177	556.315	4.7	0.676369
1199	738.5867	3.503	0.152279
1202	747.9678	3.503	0.148675
1207	550.9938	4.3	0.500029
1209	740.9133	3.503	0.151373
1224	602.4441	4.139	0.372009
1231	633.3684	4.1	0.328223
1235	653.7837	2.867	0.115302

No.	DIST	MAGNITUDE	ACCEL.
1236	714.124	3.503	0.162319
1242	751.2974	3.662	0.167424
1245	402.93	2.549	0.219347
1248	469.9773	2.708	0.187907
1253	615.3846	3.185	0.166639
1258	658.6042	2.708	0.100134
1259	437.972	4.6	0.971822
1266	683.9581	3.821	0.22715
1267	309.6596	2.867	0.453936
1268	319.9284	5.1	2.556686
1269	332.3058	5.6	3.56474
1270	260.7725	2.231	0.368842
1273	664.5099	2.867	0.111818
1274	518.2097	4.298	0.559592
1280	625.4331	3.026	0.142338
1281	650.9173	3.821	0.249395
1301	311.4819	2.708	0.395583
1306	729.6621	3.503	0.155831
1320	780.8269	2.549	0.06387
1321	774.1257	2.708	0.073733
1325	766.4869	3.026	0.096902
1327	344.6413	4.9	1.907702
1328	365.4917	1.913	0.157351
1330	372.132	3.026	0.37107
1331	768.5026	3.344	0.124351
1332	720.0515	4.5	0.354782
1336	644.449	3.662	0.223777
1342	471.8647	2.708v	0.186523
1343	611.835	4.298	0.410384
1348	35.77849	4.139	26.73819
1349	43.70519	3.98	19.29643
1352	731.865	4.8	0.437317
1353	726.6741	3.344	0.13829
1356	759.6295	3.344	0.127126
1360	729.0477	3.185	0.121022
1363	669.371	3.344	0.161535
1364	563.2275	2.231	0.091697
1365	503.3185	2.708	0.165552
1366	646.7761	4.3	0.37028
1367	754.1973	2.549	0.068225
1369	714.7359	4.3	0.306599
1379	615.9716	2.708	0.113573
1383	631.5318	3.344	0.180252
1386	766.1824	2.39	0.058303
1389	742.1388	3.662	0.171368
1433	717.1285	2.549	0.075069
1438	684.8284	4.298	0.331891
1439	526.7348	3.026	0.196231
1447	661.1627	2.708	0.099404
1448	673.0642	3.344	0.159866
1449	636.1787	2.231	0.072978
1462	753.1411	5.5	0.725075
1467	429.5945	3.662	0.475391
1468	622.4168	2.867	0.12648
1469	623.6232	3.344	0.184574
1470	633.9353	4.3	0.384525
1475	455.6582	3.821	0.48459
1477	619.0568	2.549	0.099073
1478	630.8543	5.7	1.189363
1479	549.2456	3.344	0.23411
1480	620.6301	2.867	0.127165
1481	620.6534	5.6	1.132088
1482	615.0685	3.026	0.146877
1488	755.6883	2.39	0.059851

อำเภอฝาง จังหวัดเชียงใหม่

No.	DIST	MAGNITUDE	ACCEL.
654	681.9249	1.913	0.049642
658	675.9221	3.026	0.122969
659	631.6486	3.344	0.180189
660	59.4883	2.549	4.347678
665	522.1887	3.026	0.199418
667	621.8643	3.026	0.143877
674	704.7768	4.1	0.268301
675	647.0237	3.662	0.222103
676	603.5799	4.139	0.370697
679	563.1473	2.708	0.134337
681	567.4925	2.549	0.116606
684	590.1871	2.39	0.095416
685	254.2018	2.708	0.566416
686	442.3586	3.185	0.307631
687	672.8296	5.4	0.828645
691	638.0232	5.35	0.879993
692	646.017	3.8	0.248756
693	550.567	3.503	0.264677
694	657.0271	3.185	0.147323
695	544.4743	3.344	0.237948
697	725.0211	4.139	0.262348
700	652.4031	4.85	0.56563
701	407.8941	2.072	0.146462
702	509.2392	3.344	0.269457
703	650.3761	3.662	0.219951
704	681.6246	3.185	0.137451
706	556.7879	3.662	0.294345
707	221.6975	2.867	0.810377
708	537.2563	4.1	0.446618
715	648.3815	5.1	0.698958
718	207.3712	1.913	0.422799
720	616.522	4.6	0.515102
721	451.6647	3.185	0.296096
724	616.082	3.503	0.214456
727	281.6295	3.821	1.150873
728	695.9923	2.867	0.102456
729	676.9679	4.1	0.289517
730	683.0007	5	0.584909
732	597.5797	3.98	0.332593
733	623.101	3.503	0.20994
734	767.0281	2.867	0.085214
737	724.9914	2.867	0.094836
738	519.5238	4.1	0.475376
739	607.4911	2.867	0.132379
740	721.3769	3.503	0.159241
741	588.9011	3.344	0.205517
743	632.3305	3.344	0.179824
744	571.7516	3.185	0.191258
745	447.5163	2.549	0.18106
747	694.2309	3.503	0.171234
748	601.1837	3.503	0.224538
749	540.6746	5.1	0.982299
750	565.5375	2.708	0.133279
751	563.4516	2.867	0.152406
753	129.6765	4.8	9.049729
754	407.7154	5.2	1.789984
756	655.7877	3.344	0.167903
762	714.7846	3.503	0.162035
763	745.405	3.821	0.192998
765	747.0486	5.1	0.534695
769	327.297	3.185	0.530561
782	546.2025	2.867	0.161507
784	518.1085	4.616	0.72196
788	529.3212	3.503	0.2848
791	431.1622	4.5	0.923224
795	562.0671	4.6	0.612494
796	581.038	3.662	0.271807
800	698.8076	3.344	0.148919
803	715.2047	3.344	0.142522
804	377.7978	3.026	0.361074
805	371.4509	2.39	0.223832
807	674.2661	2.867	0.108784
816	500.1998	4.4	0.64833
819	641.1126	3.503	0.198983
820	320.7236	3.503	0.709424
825	553.0075	2.867	0.157821
827	589.2338	3.026	0.159186
829	707.1633	5.3	0.69625
831	320.5108	4.298	1.34162
832	696.1645	4.298	0.321748
834	335.0316	2.39	0.269416
835	735.1818	3.503	0.15362
837	692.712	3.185	0.133323
839	684.5641	3.662	0.199684
846	638.1639	3.344	0.176743
848	597.5241	2.39	0.093232
849	634.4529	2.867	0.122006
853	520.8467	3.503	0.293472
856	593.9214	3.503	0.229712
857	534.6393	4.457	0.599678
858	543.2786	2.231	0.098076
861	572.7758	4.139	0.408903
862	534.7843	5.8	1.755111
863	533.7342	4.4	0.574755
864	533.5244	4.5	0.623081
865	538.1175	3.185	0.21416
867	519.4811	3.503	0.294906
868	271.7311	3.185	0.736563
877	570.7164	3.662	0.281072
878	570.8145	3.026	0.168931
879	350.3531	3.503	0.605815
880	341.2561	3.821	0.819041
881	365.3482	4.5	1.247359
883	482.4929	6.6	4.028117
884	533.2816	3.344	0.24733
885	401.3475	3.344	0.417303
886	488.9741	3.185	0.255801
887	510.4426	2.549	0.142029
888	501.0374	2.708	0.166951
889	669.9666	3.503	0.183138
893	500.2723	5	1.047467
894	351.3248	3.662	0.684577
897	606.4342	3.662	0.25087
898	663.8345	4.139	0.309944
899	537.8671	2.708	0.146348
900	738.7684	4.934	0.47821
901	629.9067	3.026	0.140443
902	691.4177	2.231	0.062371
905	584.3289	3.821	0.305431
907	672.7282	4.139	0.302257
912	270.3044	3.821	1.236413
913	565.1119	4.457	0.5408
914	737.7365	3.344	0.134384
918	499.5566	4.298	0.598952
921	669.0388	3.344	0.161686
940	714.0283	3.821	0.209394
941	581.0129	3.503	0.239361
942	349.1496	3.503	0.609567
943	701.2517	4.298	0.317347
952	745.2191	3.026	0.102222
954	443.7556	3.344	0.347345
955	352.6421	3.185	0.464276
968	232.1949	5.6	6.669102
969	205.2682	2.867	0.922578
970	223.977	3.98	1.940213
972	770.9905	5.6	0.75127
973	735.6385	3.344	0.135112
974	520.6098	3.821	0.378807
976	678.6338	3.344	0.157397
978	694.0258	3.98	0.250934
985	686.9921	3.821	0.225258
996	742.9637	2.231	0.054429
1080	655.6534	2.549	0.088923
1086	654.1553	3.821	0.247073
1099	798.2921	3.503	0.13136
1103	789.1627	2.708	0.071083
1108	595.2946	4.7	0.595916
1109	549.8864	3.185	0.2057
1114	671.3789	3.026	0.124545
1116	746.1781	2.708	0.079068
1118	552.9069	3.026	0.17929
1122	491.6548	2.39	0.13406
1123	699.3241	3.026	0.115308
1126	557.2539	3.185	0.200656
1132	660.2612	3.185	0.145966
1133	720.6245	3.821	0.205778
1136	673.4472	2.708	0.096011
1139	671.0167	3.026	0.124672
1152	419.9367	3.026	0.297942
1153	734.0246	3.98	0.225669
1155	630.6757	3.662	0.233062
1158	468.1182	2.867	0.214959
1159	353.3945	4.4	1.222498
1163	513.9389	2.39	0.123491
1165	744.0035	3.662	0.170554
1169	283.0214	4.5	1.964199
1175	686.3518	3.026	0.119463
1176	346.7813	3.662	0.700755
1181	559.8567	3.503	0.256543
1182	762.0616	5.8	0.901361
1183	752.5363	3.185	0.113955
1184	748.4802	2.867	0.08927
1186	748.713	3.026	0.101319
1200	427.7622	2.867	0.25365
1207	216.483	4.3	2.654874
1213	446.5205	3.662	0.442889
1214	450.5321	4.6	0.922692
1215	700.8878	2.072	0.053527
1216	613.3178	3.185	0.167696
1217	620.3047	4	0.315095
1219	759.3958	3.662	0.164049
1220	566.2188	5.1	0.901261
1221	554.1486	2.708	0.138437
1222	616.3294	5.1	0.768893
1226	618.1874	3.9	0.292744
1230	618.4111	3.026	0.14539
1231	636.6416	4.1	0.325055
1233	688.8746	3.662	0.197329
1236	636.2288	3.503	0.201868
1238	652.4367	2.708	0.101926
1239	638.5917	3.185	0.155437
1240	512.4848	2.867	0.181822
1247	792.3646	3.185	0.10331
1248	260.913	2.708	0.539712
1249	749.7993	3.662	0.16806
1250	678.0768	3.503	0.179025
1251	602.3021	3.503	0.223757
1252	409.2512	4.139	0.760756
1254	484.7618	3.662	0.380691
1255	798.217	4.9	0.401707
1256	625.7602	2.867	0.125213
1257	523.1936	3.503	0.291031
1260	683.8375	3.98	0.258047
1261	688.2679	3.185	0.134955
1262	596.5673	3.821	0.293799
1263	405.795	3.026	0.317145
1264	546.9444	3.821	0.345577
1267	604.539	2.867	0.133594
1268	598.6047	5.1	0.812167
1269	603.2256	5.6	1.194265
1270	548.6793	2.231	0.096285
1271	625.0037	3.026	0.142521
1275	618.7046	3.185	0.164964
1276	622.4048	3.185	0.163126
1277	715.0805	2.549	0.075477
1279	514.1218	3.026	0.205266
1280	135.2471	3.026	2.052232
1282	679.4394	3.185	0.138287
1283	697.5737	4.5	0.376736
1284	697.4911	2.708	0.089852
1286	746.5023	3.185	0.11571
1288	743.2595	3.185	0.11667
1289	502.8117	2.231	0.113245
1290	709.5911	3.503	0.164288
1291	595.6645	4.7	0.595223
1292	637.8424	3.344	0.176911
1293	647.3056	1.436	0.037394
1294	648.5515	3.662	0.221118
1295	668.6931	3.344	0.161844
1296	628.17	3.503	0.206767
1297	235.6433	3.503	1.214954
1298	682.7921	3.344	0.155592
1299	351.3653	1.436	0.11533
1300	794.0385	3.185	0.102896
1301	624.7255	2.708	0.110601
1302	630.3839	4.457	0.440617
1303	670.1154	4.139	0.304485
1304	712.6616	2.39	0.06689
1305	792.3671	5.9	0.906626
1307	652.7447	2.231	0.06953
1308	583.0382	3.185	0.184392
1309	651.3608	3.185	0.149748
1310	497.614	3.185	0.247645
1311	661.9467	3.503	0.187347
1313	699.2949	3.503	0.168896
1314	534.9653	3.026	0.190654
1315	622.2012	4.139	0.350142
1316	555.3056	3.026	0.177848
1317	598.641	3.662	0.25703
1318	720.8294	3.662	0.181102
1319	680.4577	3.344	0.156601
1321	452.7481	2.708	0.201277
1322	545.448	3.662	0.305858
1323	582.7681	2.867	0.143098
1324	352.7597	2.549	0.278964
1325	202.5811	3.026	1.071061
1326	487.5396	2.867	0.199423
1327	674.813	4.9	0.552379
1329	274.1666	3.344	0.823555
1330	582.3696	3.026	0.162716
1331	478.9957	3.344	0.301776
1332	348.9854	4.5	1.354508
1334	720.6522	1.436	0.03053
1335	703.5978	3.026	0.113986
1337	737.4888	2.867	0.091812
1341	602.4652	3.503	0.223643
1342	111.4016	2.708	2.131977
1343	474.8096	4.298	0.65792
1344	765.5757	3.185	0.110295
1345	663.6427	3.821	0.240456
1347	774.5719	3.503	0.139122
1348	550.0938	4.139	0.440942
1349	541.2057	3.98	0.400241
1350	785.4142	2.867	0.08146
1354	658.8471	3.026	0.129052
1355	705.2291	2.39	0.068231
1356	457.2474	3.344	0.328751
1357	699.8083	3.503	0.168662
1358	583.9624	4.298	0.447867
1359	694.2349	3.662	0.194459
1361	628.995	3.185	0.159928
1362	670.2139	3.344	0.161151
1363	482.8568	3.344	0.297336
1364	740.6135	2.231	0.054758
1365	127.4823	2.708	1.742231
1367	502.6191	2.549	0.146154
1368	473.2217	2.708	0.185538
1370	717.5406	7.2	3.096795
1371	746.11	3.185	0.115825
1372	760.4425	3.026	0.098371
1373	702.5962	3.344	0.147403
1374	745.7783	3.662	0.169784
1375	730.3415	3.98	0.227832
1376	322.5128	3.503	0.702438
1377	732.5761	3.821	0.19946
1378	721.6808	3.026	0.108638
1379	375.2753	2.708	0.283381
1380	564.4329	3.344	0.222493
1381	722.4203	3.344	0.139838
1382	469.2796	3.344	0.313401
1385	467.0098	3.026	0.245186
1386	376.8014	2.39	0.218123
1387	735.0221	3.344	0.135327
1388	520.9187	4.298	0.5542
1390	315.1536	7.3	15.26284
1391	355.2869	6.206	5.135095
1392	317.7477	5.252	2.922578
1393	328.6485	3.98	0.994848
1394	361.5423	4.139	0.952272
1395	368.3309	3.821	0.714027
1396	290.0449	3.344	0.746219
1397	381.9686	4.139	0.86231
1398	417.0772	3.026	0.301682
1399	313.8891	2.867	0.443151
1400	433.4302	2.072	0.131088
1401	343.867	4.9	1.915406
1402	376.9859	3.821	0.684694
1403	357.868	2.708	0.308721

No.	DIST	MAGNITUDE	ACCEL.
6	649.5282	4.616	0.472984
8	570.2564	3.98	0.363042
9	602.1908	4.934	0.703246
13	662.3315	5.729	1.110612
14	553.6514	6.206	2.276723
15	560.1443	4.457	0.54979
17	654.537	5.093	0.682789
24	653.8238	5.252	0.777001
28	684.8426	6.683	2.236725
29	636.1007	6.365	1.993392
30	710.2591	4.934	0.515244
31	686.1188	4.775	0.48437
33	728.74	3.503	0.156205
39	626.2138	3.662	0.236195
43	508.0594	4.775	0.850233
44	763.828	4.616	0.348036
45	634.9996	4.616	0.493564
48	568.4125	4.298	0.471053
49	455.6525	4.775	1.039533
50	456.803	3.344	0.32934
51	663.1235	4.457	0.400539
55	376.144	4.457	1.14346
56	581.5978	3.185	0.185247
61	87.07238	4.775	15.81578
65	541.2944	4.616	0.665516
67	644.1184	4.616	0.480494
68	565.8417	4.616	0.612678
69	555.964	4.139	0.432299
80	600.1536	3.662	0.255817
81	690.1868	2.549	0.080711
82	605.6672	3.344	0.194982
89	420.0908	3.821	0.562409
90	435.3619	4.457	0.876314
91	471.5038	3.821	0.455032
92	491.8449	4.139	0.542818
93	695.3221	2.708	0.090383
94	587.2857	3.662	0.26642
96	679.7139	3.98	0.261013
98	664.4414	4.298	0.351379
99	623.0393	4.298	0.396632
100	725.7729	3.185	0.122059
102	451.2798	4.457	0.820447
103	557.5353	4.775	0.715263
104	546.4416	4.934	0.843307
108	671.7739	4.139	0.303068
109	658.3572	3.662	0.214952
111	668.6412	4.139	0.305753
113	730.3388	4.934	0.488733
114	552.4915	4.775	0.727493
126	636.9217	3.503	0.201455
129	734.5588	3.662	0.174738
132	596.3517	3.185	0.176757
133	647.3697	3.503	0.195377
141	641.1235	3.185	0.154283
144	598.7916	3.662	0.256909
147	551.9635	4.298	0.497595
154	522.8806	3.503	0.291355
159	695.3221	3.503	0.170726
167	618.5299	3.662	0.241739
169	505.643	3.821	0.399873
179	291.7999	3.98	1.228087
180	644.3899	3.98	0.288652
186	89.05908	3.98	8.117168
187	565.8417	3.821	0.324355
188	676.3594	3.821	0.231994
189	596.3517	5.57	1.191269
190	663.1235	3.344	0.164418
192	775.8731	3.503	0.138679
193	576.8656	5.411	1.1163
194	585.3959	4.298	0.445817
195	581.2969	3.821	0.308419
196	576.8656	3.98	0.355304
197	583.114	3.821	0.306623
198	576.8656	2.867	0.145849
199	582.1991	3.821	0.307525
200	540	3.662	0.311631
201	566.9743	3.503	0.250561
202	587.5835	3.662	0.266167
203	582.1991	3.344	0.209968
204	581.1966	3.344	0.210647
205	558.7891	3.98	0.37708
206	588.4761	3.185	0.181214
207	575.1444	4.298	0.4608
209	581.2969	4.298	0.451718
210	386.3925	4.616	1.236891
211	396.2482	5.888	3.26905
212	376.7637	3.662	0.603556
215	573.2145	2.867	0.147591
216	605.6672	4.298	0.418262
217	786.9192	3.821	0.174106
220	706.7195	3.98	0.242475
221	570.2564	3.662	0.281496
222	756.0771	2.708	0.077114
223	772.2566	3.503	0.139916
226	581.5978	4.298	0.451281
241	579.5536	3.185	0.186472
251	325.5533	3.344	0.608291
258	386.3744	4.934	1.595339
259	673.5772	3.503	0.18129
262	674.17	3.344	0.159371
264	696.8001	3.98	0.249048
267	759.1179	4.457	0.310089
271	584.3069	3.662	0.268968
272	600.2945	3.98	0.329778
273	590.1288	3.344	0.204717
274	369.4958	4.457	1.18089
275	487.4187	3.821	0.427985
276	691.4784	3.503	0.172525
277	520.5914	4.139	0.488575
279	598.1484	3.98	0.332
280	742.0347	3.344	0.132911
282	550.7629	4.139	0.439944
285	512.1751	4.2	0.528766
288	592.0331	2.867	0.138933
289	574.9263	3.026	0.166679
290	588.7783	3.662	0.265156
291	565.2291	4.457	0.540591
292	523.6085	3.821	0.374787
293	131.0187	3.662	3.584345
294	680.4857	2.708	0.094144
295	683.0144	3.344	0.155496
296	551.6464	5	0.873457
300	337.1694	3.344	0.571399
303	452.6334	3.503	0.380371
304	653.6177	3.662	0.2179
307	644.7392	3.98	0.288358
309	543.7132	3.98	0.39681
311	702.6626	2.867	0.100624
315	285.784	3.185	0.67439
316	182.5807	3.185	1.444759
323	687.9863	2.708	0.092214
324	776.6281	5.252	0.560881
325	539.7688	3.185	0.212942
328	615.9372	3.98	0.314237
330	633.0873	2.867	0.122502
338	625.4776	4.616	0.50779
340	397.8536	6.4	4.887851
341	401.953	4.139	0.786089
344	648.6567	3.503	0.194648
347	627.6733	3.185	0.160562
348	685.3815	3.662	0.199234
349	700.0033	2.549	0.078584
352	615.9911	3.503	0.214516
353	746.9291	3.662	0.169288
358	587.5835	3.344	0.206381
359	500.5716	3.503	0.315899
360	616.3574	3.821	0.276349
361	615.8396	3.98	0.31433
362	599.862	3.821	0.290782
366	677.2022	3.185	0.139151
369	587.5835	2.231	0.084718
372	676.3594	3.503	0.179884
373	595.4836	3.185	0.17724
374	673.2698	3.344	0.159774
375	110.1388	3.344	3.606007
376	676.2982	3.344	0.158425
377	454.7839	3.662	0.428219
378	645.6892	3.821	0.253212
379	734.0863	3.503	0.154055
380	638.733	3.185	0.155372
381	648.4984	4.139	0.323905
382	283.9414	4.775	2.43366
383	567.6425	3.026	0.170699
384	765.3086	3.662	0.161649
387	658.1765	2.867	0.113856
388	729.3519	3.662	0.177112
391	197.0815	3.026	1.121328
394	698.1989	4.457	0.363381
398	551.5798	3.662	0.299551
400	521.1691	5.411	1.348884
401	501.0187	2.867	0.18961
402	507.4207	3.662	0.349828
403	634.6183	3.821	0.261591
404	712.5586	3.821	0.210213
406	616.452	3.662	0.243271
407	95.04	3.185	3.925053
408	596.5717	3.503	0.227803
409	74.08044	3.503	7.093041
410	351.5495	4.298	1.137346
412	617.9639	3.821	0.275002
413	314.3616	3.662	0.834841
414	319.9426	3.98	1.043555
421	502.4612	3.185	0.243239
422	667.0108	4.298	0.34883
424	345.6827	3.821	0.800348
427	784.9906	2.39	0.055675
429	347.3791	5.2	2.391006
430	338.2487	2.867	0.38791
431	346.7117	4.139	1.026713
432	349.5331	3.026	0.415374
433	464.4049	3.344	0.319488
438	711.4699	3.344	0.143943
439	606.3957	3.9	0.303522
440	457.8843	5.5	1.840038
449	488.6114	3.662	0.375167
450	494.6942	3.821	0.416417
451	505.0822	6.9	4.705108
452	502.8325	7	5.139317
453	487.1387	3.821	0.42844
454	479.7194	3.185	0.264992
455	497.1215	2.39	0.131345
456	501.9677	4.298	0.593635
457	490.2629	2.39	0.134765
458	525.9511	2.39	0.118304
459	489.9738	4.139	0.546657
460	502.3858	3.662	0.356353
461	483.319	6.2	2.915786
463	486.0636	5.5	1.64819
464	472.2021	3.662	0.39959
465	465.9045	3.185	0.279662
466	541.1069	5.9	1.860141
467	520.0264	3.026	0.200961
468	506.901	3.503	0.30863
469	527.6615	2.549	0.133543
472	581.329	2.39	0.098156
473	466.7112	5.4	1.639907
474	503.2441	3.185	0.242538
475	529.7992	6.3	2.664334
476	541.8383	4.9	0.833715
480	533.0224	3.026	0.191949
481	678.6732	2.867	0.107454
482	517.9689	2.549	0.138223
484	334.9741	4.5	1.457624
485	636.9125	3.344	0.177398
487	622.3349	2.072	0.066976
488	558.2973	3.98	0.3777
489	496.4301	3.98	0.469846
490	169.78	3.662	2.38215
492	546.4896	3.662	0.304773
493	683.9539	3.503	0.17613
494	505.6995	3.185	0.240361
499	606.1581	3.98	0.32382
501	467.1559	3.344	0.316031
502	610.0404	3.662	0.248094
503	580.5741	4.6	0.576507
509	699.8083	5.7	0.977986
513	562.6624	3.185	0.197071
518	740.717	4.298	0.286074
521	539.0282	3.026	0.187987
522	559.3629	3.503	0.256966
525	681.8599	4.139	0.294658
528	591.7346	4.139	0.384729
536	644.2714	3.821	0.254263
538	677.3839	3.662	0.203701
541	657.1869	3.98	0.278153
542	590.4519	4.139	0.386296
543	656.1469	3.026	0.130055
546	711.0125	2.867	0.098399
547	768.5936	3.662	0.160338
548	733.1005	4	0.229857
549	789.5864	3.344	0.118111
554	637.0883	3.185	0.156128
555	414.3401	2.867	0.268858
557	339.3899	2.867	0.38558
558	587.0195	4.7	0.611749
561	68.4161	4.6	18.88879
562	455.7805	2.867	0.225791
564	590.445	3.185	0.180084
565	617.9733	2.867	0.128194
566	592.5845	3.503	0.230684
568	162.9512	5.2	8.711036
571	154.2284	3.821	3.155833
572	390.0729	5.3	2.101418
573	387.3362	3.344	0.445116
574	574.2849	2.549	0.114041
575	636.6735	3.185	0.156319
576	356.8285	2.867	0.352436
577	509.5586	3.185	0.236997
578	507.0896	5.8	1.937303
580	633.8965	2.708	0.107611
582	763.8968	3.503	0.142841
583	670.5348	4.8	0.516069
584	645.7614	5.1	0.704309
585	562.5893	3.344	0.223782
586	583.145	3.026	0.162312
587	481.1155	2.708	0.17996
588	502.5355	4.95	0.998017
589	586.3604	3.026	0.16065
590	161.5422	3.344	2.001156
591	666.5446	2.867	0.111175
592	479.2682	3.026	0.233746
593	780.3589	4	0.204137
594	753.4655	3.344	0.129109
595	598.4262	4.7	0.590084
597	298.2247	3.662	0.916403
598	325.7467	4.7	1.797937
599	540.4977	2.549	0.127703
600	174.0141	4.45	4.299239
604	483.6242	4.7	0.877194
605	711.747	3.503	0.163347
607	409.7059	6.2	3.948493
608	404.7249	2.867	0.28061
610	319.0737	3.344	0.630442
611	610.5096	4.4	0.447092
612	590.7205	3.185	0.179927
613	708.0189	3.185	0.127922
614	693.4777	4.6	0.412684
617	581.9707	2.708	0.126329
618	582.9009	3.662	0.270184
619	620.1363	3.344	0.186529
620	735.4951	2.708	0.081262
621	719.7647	2.867	0.096145
625	472.4096	2.549	0.163895
626	693.4777	4.6	0.412684
627	542.9125	3.026	0.18549
630	482.9907	2.231	0.121991
634	653.7132	3.9	0.263528
639	598.9863	3.185	0.175302
641	575.2458	2.867	0.146618
642	511.0181	4.9	0.929588
643	516.4275	3.026	0.203569
647	476.3033	3.026	0.236439
648	616.4388	3.662	0.243281
650	611.6806	3.185	0.168539
651	468.2694	3.503	0.357328
653	672.2078	3.026	0.124255

No.	DIST	MAGNITUDE	ACCEL.
1404	231.451	3.344	1.103138
1405	380.2012	3.821	0.674256
1406	400.274	3.026	0.325149
1407	364.7438	2.708	0.298321
1408	348.3232	3.662	0.695201
1409	382.2089	3.344	0.455993
1410	329.5277	3.503	0.676022
1411	384.8291	3.185	0.39659
1412	354.3528	4.8	1.675364
1413	373.8036	3.821	0.695266
1414	379.5673	3.821	0.676295
1415	361.2971	3.98	0.839556
1416	308.2776	3.026	0.519609
1417	346.5943	3.98	0.90463
1418	384.5674	3.503	0.512108
1419	315.6466	5.1	2.618618
1420	721.8093	4.298	0.300451
1421	344.1122	3.821	0.806906
1422	598.5639	3.821	0.291965
1423	317.9837	6	5.309761
1424	733.7762	3.503	0.154179
1425	586.3216	3.344	0.207213
1426	380.5229	3.821	0.673225
1427	375.2156	4.9	1.637099
1428	385.4121	3.344	0.449152
1429	362.8049	3.98	0.833282
1430	380.2287	3.026	0.356908
1431	606.3576	3.821	0.284966
1432	623.5597	3.185	0.162559
1434	705.6773	2.708	0.08789
1436	303.1251	2.867	0.471391
1437	751.0059	2.39	0.060562
1438	574.9327	4.298	0.461117
1439	386.7671	3.026	0.346056
1440	324.9936	3.185	0.537279
1441	753.0477	2.867	0.088244
1442	331.679	4.298	1.262206
1443	661.7721	3.026	0.127978
1444	658.4224	3.503	0.189242
1445	751.8011	4.298	0.278121
1446	706.5185	2.549	0.077218
1447	172.4683	2.708	1.082568
1448	166.5433	3.344	1.905419
1449	381.0809	2.231	0.188185
1451	369.76	3.344	0.48412
1452	671.6479	4.2	0.318337
1453	442.7202	3.503	0.396154
1454	674.1796	3.503	0.180984
1456	284.5511	4.5	1.945727
1457	396.0919	5.6	2.598192
1458	772.7749	-1.108	0.003494
1459	626.8966	2.549	0.096757
1460	382.8821	3.98	0.756037
1461	652.3897	3.185	0.149303
1462	360.3463	5.5	2.84585
1463	672.5146	3.98	0.266314
1464	655.0851	3.185	0.148148
1465	743.9862	3.185	0.116454
1466	699.0306	4.298	0.319258
1468	39.40713	2.867	8.801707
1469	42.38405	3.344	11.9764
1470	64.6755	4.3	15.93936
1471	650.2578	3.185	0.150227
1472	741.4898	3.503	0.15115
1473	465.0906	4.457	0.776193
1474	600.4723	2.072	0.071627
1476	362.3641	2.708	0.30186
1477	59.61678	2.549	4.33647
1478	61.75154	5.7	51.6998
1479	175.5922	3.344	1.748826
1480	81.4756	2.867	3.761038
1481	52.55507	5.6	57.68022
1482	32.02432	3.026	12.14982
1483	623.0095	3.026	0.14338
1484	698.793	3.026	0.115474
1485	601.936	4.6	0.538776
1486	609.7671	3.503	0.218645
1487	592.1951	3.662	0.262298
1489	719.3181	3.026	0.109315
1490	669.9215	2.867	0.11012
1491	610.8096	3.026	0.148806

อำเภอเชียงดาว จังหวัดเชียงใหม่

No.	DIST	MAGNITUDE	ACCEL.
6	676.3594	4.616	0.438216
7	786.9192	4.298	0.255
8	602.1908	3.98	0.327834
9	615.6947	4.934	0.674577
13	667.1568	5.729	1.095507
14	555.4393	6.206	2.263072
15	523.8835	4.457	0.622773
17	672.7282	5.093	0.64838
24	665.4062	5.252	0.751694
27	753.9916	4.139	0.243552
28	715.9023	6.683	2.056689
29	656.7608	6.365	1.87693
30	652.4845	4.934	0.604805
31	628.3521	4.775	0.571719
33	748.5577	3.503	0.148453
39	661.9792	3.662	0.21274
43	491.8449	4.775	0.902865
44	789.5827	4.616	0.326762
45	656.9384	4.616	0.46298
48	624.2549	4.298	0.395181
49	442.8	4.775	1.095616
50	445.2954	3.344	0.345144
51	694.9865	4.457	0.366564
55	432	4.457	0.888842
56	577.6738	3.185	0.187608
61	144.09	4.775	7.535858
64	794.3692	4.457	0.284441
65	497.8554	4.616	0.777355
67	659.5962	4.616	0.459469
68	570.6653	4.616	0.603037
69	561.2884	4.139	0.424677
71	768.9266	4.298	0.26647
80	637.566	3.662	0.228346
81	690.9468	2.549	0.080543
82	635.2751	3.344	0.178259
89	474.4631	3.821	0.449812
90	489.7059	4.457	0.70573
91	516.2581	3.821	0.384757
92	537.0761	4.139	0.46106
93	721.9055	2.708	0.084186
94	530.1909	3.662	0.322446
95	765.0487	4.139	0.236908
96	705.2326	3.98	0.243443
98	690.0177	4.298	0.327189
99	637.566	4.298	0.379807
100	742.6914	3.185	0.116839
102	413.9374	4.457	0.960985
103	614.3672	4.775	0.596417
104	546.1213	4.934	0.844229
108	688.8334	4.139	0.289046
109	679.7139	3.662	0.202385
111	680.4857	4.139	0.295783
113	672.2078	4.934	0.57177
114	538.0525	4.775	0.76429
126	661.6232	3.503	0.18752
129	762.529	3.662	0.162771
132	612.6561	3.185	0.168036
133	656.05	3.503	0.190535
141	654.537	3.185	0.148381
143	773.1623	4.934	0.438612
144	618.6242	3.662	0.241669
147	563.7766	4.298	0.478315
154	542.2633	3.503	0.27228
159	721.9055	3.503	0.15902
167	560.4565	3.662	0.29076
168	773.3886	2.708	0.073866
169	468.8991	3.821	0.459702
179	343.7387	3.98	0.918143
180	674.2003	3.98	0.265058
186	146.8959	3.98	3.870635
187	570.6653	3.821	0.319251
188	706.967	3.821	0.213372
189	612.6561	5.57	1.132493
190	680.7428	3.344	0.156478
192	794.8096	3.503	0.132459
193	632.8837	5.411	0.938171
194	641.5782	4.298	0.375349
195	638.0232	3.821	0.25897
196	632.8837	3.98	0.298608
197	639.1502	3.821	0.258112
198	632.8837	2.867	0.122576
199	637.566	3.821	0.25932
200	596.3517	3.662	0.258883
201	622.3837	3.503	0.210395
202	644.1184	3.662	0.223993
203	637.566	3.344	0.177055
204	636.1007	3.344	0.177824
205	613.9874	3.98	0.316113
206	643.1216	3.185	0.153382
207	632.0538	4.298	0.386063
209	638.0232	4.298	0.379295
210	444.3777	4.616	0.958479
211	453.8995	5.888	2.55042
212	434.6916	3.662	0.465237
215	627.8879	2.867	0.124417
216	661.1858	4.298	0.35465
220	725.8532	3.98	0.23051
221	626.4931	3.662	0.235997
222	780.2953	2.708	0.072628
223	794.3692	3.503	0.132598
226	584.4986	4.298	0.447099
241	616.3054	3.185	0.166172
250	768.6991	3.98	0.206732
251	292.4886	3.344	0.735291
258	443.9417	4.934	1.238366
259	698.886	3.503	0.169083

No.	DIST	MAGNITUDE	ACCEL.
262	693.058	3.344	0.151264
264	723.2646	3.98	0.232077
267	701.36	4.457	0.360288
271	527.1993	3.662	0.325856
272	542.978	3.98	0.397812
273	532.7039	3.344	0.247829
274	427.5081	4.457	0.906004
275	511.6784	3.821	0.391172
276	722.7855	3.503	0.158654
277	542.4697	4.139	0.452561
279	595.2358	3.98	0.335052
280	684.2156	3.344	0.15498
282	605.1326	4.139	0.368915
285	566.9743	4.2	0.4376
288	611.1311	2.867	0.130903
289	590.7561	3.026	0.158418
290	546.4042	3.662	0.304862
291	518.2942	4.457	0.635305
292	522.6274	3.821	0.376095
293	149.949	3.662	2.905516
294	713.209	2.708	0.086142
295	706.4356	3.344	0.145891
296	594.0982	5	0.760419
300	395.0867	3.344	0.429399
303	421.4339	3.503	0.433547
304	685.7694	3.662	0.199021
307	682.5275	3.98	0.258984
309	540.4858	3.98	0.401235
311	726.7509	2.867	0.094401
315	342.1419	3.185	0.490141
316	225.8207	3.185	1.012961
323	715.1688	2.708	0.085695
324	794.6518	5.252	0.536919
325	590.9742	3.185	0.179782
328	636.9217	3.98	0.295056
330	658.2341	2.867	0.113837
338	641.8236	4.616	0.483734
340	455.3273	6.4	3.819366
341	459.8277	4.139	0.614587
344	639.5661	3.503	0.19989
347	636.8237	3.185	0.15625
348	689.5553	3.662	0.196961
349	718.5044	2.549	0.074797
352	634.9013	3.503	0.202663
353	752.5764	3.662	0.166884
358	604.5106	3.344	0.195683
359	524.2452	3.503	0.209947
360	574.7792	3.821	0.314993
361	611.2008	3.98	0.318825
362	642.2142	3.821	0.255798
365	773.0567	3.662	0.158583
366	706.14	3.185	0.128567
369	604.5106	2.231	0.080326
372	676.6181	3.503	0.179754
373	610.265	3.185	0.169274
374	696.2818	3.344	0.149942
375	114.8056	3.344	3.391872
376	708.1614	3.344	0.145219
377	437.7425	3.662	0.459314
378	674.6128	3.821	0.23313
379	750.3202	3.503	0.147791
380	648.8428	3.185	0.150845
381	590.9031	4.139	0.385743
382	226.7511	4.775	3.589057
383	576.6128	3.026	0.165769
384	782.0431	3.662	0.155134
387	614.6102	2.867	0.129515
388	773.4225	3.662	0.15844
391	232.6391	3.026	0.847914
394	716.3885	4.457	0.346114
398	565.2198	3.662	0.286201
400	520.9229	5.411	1.350068
401	501.0187	2.867	0.18961
402	510.1488	3.662	0.346367
403	688.5328	3.821	0.224306
404	756.2661	3.821	0.187769
406	600.2507	3.662	0.255739
407	150.5971	3.185	1.970325
408	603.26	3.503	0.223091
409	82.14392	3.503	6.187442
410	307.4796	4.298	1.444134
412	630.7237	3.821	0.264638
413	362.8945	3.662	0.645825
414	369.764	3.98	0.805219
421	504.7773	3.185	0.241175
422	684.5982	4.298	0.332102
424	299.9388	3.821	1.030239
425	774.2365	3.821	0.179572
429	405.2476	5.2	1.80988
430	328.025	2.867	0.409762
431	404.7419	4.139	0.776261
432	301.9445	3.026	0.539035
433	437.5559	3.344	0.356422
438	733.1202	3.344	0.135994
439	601.6065	3.9	0.30807
440	466.69	5.5	1.776639
449	443.8813	3.662	0.447733
450	547.6889	3.821	0.344703
451	558.3861	6.9	3.904187
452	554.9246	7	4.278715
453	539.4922	3.821	0.354523
454	531.9918	3.185	0.218771
455	548.8632	2.39	0.109277
456	555.1715	4.298	0.492246
457	542.6804	2.39	0.111609
458	578.3811	2.39	0.099094

No.	DIST	MAGNITUDE	ACCEL.
459	542.5482	4.139	0.452439
460	555.2975	3.662	0.295821
461	534.9348	6.2	2.415747
463	538.4133	5.5	1.363349
464	523.9336	3.662	0.329641
465	517.5443	3.185	0.230256
466	593.5344	5.9	1.565011
467	571.7149	3.026	0.168434
468	558.6346	3.503	0.257591
469	579.3332	2.549	0.11219
471	762.7171	2.072	0.045598
472	594.4829	2.39	0.094128
473	518.4731	5.4	1.350006
474	556.3048	3.185	0.201295
475	581.9426	6.3	2.236308
476	593.9264	4.9	0.702336
480	585.1776	3.026	0.161258
481	622.7284	2.867	0.126361
482	571.3363	2.549	0.115144
484	391.8183	4.5	1.099123
485	661.7378	3.344	0.165068
487	579.013	2.072	0.076679
488	614.1099	3.98	0.315995
489	549.0236	3.98	0.389687
490	227.9107	3.662	1.460552
492	600.7606	3.662	0.255332
493	706.9646	3.503	0.165445
494	559.4661	3.185	0.199178
499	622.1494	3.98	0.308368
501	517.5003	3.344	0.261531
502	567.5274	3.662	0.284031
503	523.0591	4.6	0.700299
509	696.9356	5.7	0.985625
513	547.2137	3.185	0.207576
518	752.667	4.298	0.277514
521	547.2958	3.026	0.182732
522	588.8229	3.503	0.233452
525	711.4774	4.139	0.271889
528	607.6255	4.139	0.36608
536	667.2871	3.821	0.237984
538	702.5058	3.662	0.190151
541	671.635	3.98	0.266973
542	607.0494	4.139	0.366732
543	600.5509	3.026	0.15361
546	733.3971	2.867	0.092786
547	776.7453	3.662	0.157153
548	760.1888	4	0.214558
549	792.1084	3.344	0.117396
554	656.8478	3.185	0.147399
555	431.1703	2.867	0.249994
557	395.4526	2.867	0.292687
558	529.4115	4.7	0.741793
561	15.00384	4.6	73.38473
562	512.289	2.867	0.18195
564	604.3466	3.185	0.172398
565	632.0077	2.867	0.122896
566	606.2255	3.503	0.221048
568	208.5407	5.2	5.80842
571	198.5938	3.821	2.091324
572	447.5554	5.3	1.635116
573	444.543	3.344	0.346217
574	588.152	2.549	0.109062
575	657.5284	3.185	0.147111
576	406.6913	2.867	0.278145
577	509.3067	3.185	0.237214
578	454.3656	5.8	2.372564
580	658.3572	2.708	0.100205
582	782.661	3.503	0.1364
583	695.0318	4.8	0.482244
584	587.8386	5.1	0.84026
585	570.2257	3.344	0.218289
586	560.857	3.026	0.174577
587	532.3096	2.708	0.149204
588	449.3553	4.95	1.22672
589	593.6946	3.026	0.156952
590	203.9256	3.344	1.366148
591	674.2868	2.867	0.108778
592	507.1736	3.026	0.210513
593	791.1802	4	0.198857
594	774.3683	3.344	0.122566
595	589.6889	4.7	0.606573
597	340.7225	3.662	0.723236
598	367.6016	4.7	1.44765
599	484.3183	2.549	0.156535
600	214.5398	4.45	3.039241
604	507.8125	4.7	0.801441
605	736.7104	3.503	0.153016
607	467.2445	6.2	3.103516
608	461.9497	2.867	0.220275
610	360.3123	3.344	0.507241
611	650.8279	4.4	0.396428
612	603.5152	3.185	0.172843
613	737.0286	3.185	0.118549
614	719.0594	4.6	0.385337
617	524.5643	2.708	0.153326
618	525.4852	3.662	0.327834
619	562.7059	3.344	0.22377
620	762.7278	2.708	0.075842
621	739.4286	2.867	0.091355
625	446.2282	2.549	0.182021
626	719.0594	4.6	0.385337
627	550.1898	3.026	0.180944
630	454.7557	2.231	0.136312
634	678.9722	3.9	0.245337
639	639.7576	3.185	0.154904
641	605.1856	2.867	0.133327

No.	DIST	MAGNITUDE	ACCEL.	No.	DIST	MAGNITUDE	ACCEL.	No.	DIST	MAGNITUDE	ACCEL.
642	472.4491	4.9	1.074783	868	279.9763	3.185	0.699093	1262	609.7004	3.821	0.282042
643	519.3554	3.026	0.201443	877	628.6398	3.662	0.234484	1263	462.517	3.026	0.24959
647	512.0612	3.026	0.206801	878	628.5804	3.026	0.141001	1264	548.3033	3.821	0.343983
648	632.6865	3.662	0.231671	879	406.8261	3:503	0.462357	1267	547.0618	2.867	0.161034
650	614.4014	3.185	0.167141	880	398.1115	3.821	0.620255	1268	541.3421	5.1	0.980045
651	490.8882	3.503	0.327528	881	316.3441	4.5	1.61402	1269	546.1784	5.6	1.438029
653	698.335	3.026	0.115617	883	525.7814	6.6	3.435306	1270	490.7302	2.231	0.118459
654	710.2107	1.913	0.045969	884	575.2437	3.344	0.214743	1271	666.1035	3.026	0.126413
658	705.7062	3.026	0.113342	885	444.7712	3.344	0.345891	1273	795.5562	2.867	0.079494
659	625.3387	3.344	0.183623	886	531.9326	3.185	0.218817	1275	628.7783	3.185	0.160032
660	25.42018	2.549	10.0549	887	551.6686	2.549	0.122926	1276	630.7722	3.185	0.159082
665	482.2657	3.026	0.231071	888	543.386	2.708	0.143592	1277	755.6866	2.549	0.06797
667	639.3983	3.026	0.136546	889	681.1034	3.503	0.177525	1279	566.6254	3.026	0.171272
674	647.5039	4.1	0.314064	893	543.6148	5	0.897663	1280	137.8101	3.026	1.993496
675	669.2306	3.662	0.208412	894	293.7254	3.662	0.94128	1282	694.6492	3.185	0.13262
676	599.4107	4.139	0.375547	897	616.8653	3.662	0.242965	1283	755.1949	4.5	0.324116
679	516.5427	2.708	0.157778	898	692.6993	4.139	0.286004	1284	754.808	2.708	0.07736
681	519.7527	2.549	0.137344	899	484.1111	2.708	0.177909	1288	772.4226	3.185	0.108444
684	595.5777	2.39	0.093804	900	767.1918	4.934	0.445125	1289	554.3547	2.231	0.094455
685	304.1308	2.708	0.412664	901	679.9001	3.026	0.121614	1290	753.8623	3.503	0.146475
686	466.8362	3.185	0.278635	902	708.6463	2.231	0.059534	1291	652.5128	4.7	0.50151
687	691.5855	5.4	0.786702	905	601.367	3.821	0.289418	1292	657.8062	3.344	0.166933
691	689.7303	5.35	0.759703	907	658.8	4.139	0.314426	1293	674.4415	1.436	0.034608
692	696.9976	3.8	0.215532	909	791.0585	3.026	0.091257	1294	661.8145	3.662	0.21284
693	561.7038	3.503	0.25497	912	328.2578	3.821	0.877881	1295	693.2771	3.344	0.151174
694	663.1235	3.185	0.14478	913	570.4776	4.457	0.531336	1296	666.0316	3.503	0.185185
695	575.7322	3.344	0.214402	914	764.3799	3.344	0.125629	1297	281.8409	3.503	0.891194
697	751.299	4.139	0.245213	918	478.2763	4.298	0.649148	1298	713.0206	3.344	0.14335
700	600.8422	4.85	0.660311	920	769.6367	3.185	0.109192	1299	409.5251	1.436	0.087417
701	401.9022	2.072	0.15046	921	690.1462	3.344	0.152473	1301	567.1634	2.708	0.132566
702	515.8614	3.344	0.263075	934	797.8763	3.662	0.149327	1302	637.2683	4.457	0.431705
703	598.3678	3.662	0.25725	940	741.2235	3.821	0.195069	1303	693.1817	4.139	0.285628
704	712.6118	3.185	0.126365	941	589.216	3.503	0.233161	1304	756.9982	2.39	0.059655
706	575.9408	3.662	0.276324	942	404.1312	3.503	0.467985	1307	678.9818	2.231	0.064548
707	279.672	2.867	0.543096	943	726.7154	4.298	0.296618	1308	595.3615	3.185	0.177308
708	550.7216	4.1	0.426489	952	687.4354	3.026	0.119108	1309	670.5347	3.185	0.141775
715	657.2259	5.1	0.681338	954	501.8042	3.344	0.276903	1310	494.3805	3.185	0.250651
718	170.2431	1.913	0.585314	955	408.8704	3.185	0.355245	1311	641.5519	3.503	0.198727
720	609.9792	4.6	0.525524	962	765.7581	3.344	0.1252	1313	730.0481	3.503	0.155675
721	415.1726	3.185	0.345476	968	286.4688	5.6	4.636006	1314	588.8842	3.026	0.159363
724	654.0994	3.503	0.191607	969	260.5913	2.867	0.614233	1315	636.6536	4.139	0.335344
727	319.103	3.821	0.923212	970	280.2949	3.98	1.317898	1316	558.3117	3.026	0.176065
728	723.6806	2.867	0.095162	972	788.825	5.6	0.719286	1317	593.8639	3.662	0.260919
729	705.6839	4.1	0.267648	973	761.8853	3.344	0.126412	1318	737.5293	3.662	0.173406
730	714.7283	5	0.536766	974	506.1508	3.821	0.39913	1319	710.8249	3.344	0.14419
732	612.1009	3.98	0.317945	976	705.9236	3.344	0.146091	1321	440.3673	2.708	0.211786
733	632.9445	3.503	0.203843	978	642.7932	3.98	0.290004	1322	599.5721	3.662	0.256282
734	779.772	2.867	0.082585	985	667.3876	3.821	0.237916	1323	584.6604	2.867	0.142232
737	740.1334	2.867	0.09119	996	768.3946	2.231	0.051059	1324	408.1325	2.549	0.214283
738	533.3276	4.1	0.45276	1080	692.8501	2.549	0.080126	1325	243.4398	3.026	0.784525
739	617.0544	2.867	0.128553	1086	670.8597	3.821	0.235598	1326	529.3598	2.867	0.171203
740	748.0479	3.503	0.148645	1103	731.3854	2.708	0.08213	1327	617.4207	4.9	0.653034
741	603.8823	3.344	0.196065	1108	539.7062	4.7	0.715681	1328	780.8773	1.913	0.038395
743	620.8826	3.344	0.186108	1109	592.4052	3.185	0.17897	1329	331.3961	3.344	0.589302
744	618.9861	3.185	0.164823	1114	692.8629	3.026	0.11735	1330	526.5354	3.026	0.19637
745	492.5558	2.549	0.15173	1116	688.3038	2.708	0.092134	1331	462.6979	3.344	0.321661
747	721.5984	3.503	0.159149	1118	561.3088	3.026	0.174314	1332	339.8244	4.5	1.420635
748	615.4683	3.503	0.214858	1122	545.6253	2.39	0.110489	1334	756.3471	1.436	0.027855
749	585.8589	5.1	0.845584	1123	719.3182	3.026	0.109315	1335	715.4423	3.026	0.11044
750	612.2228	2.708	0.114882	1126	555.3522	3.185	0.20194	1337	795.0266	2.867	0.079595
751	611.2705	2.867	0.130847	1132	700.9911	3.185	0.13036	1341	600.0636	3.503	0.225325
753	186.6151	4.8	5.073423	1133	747.9479	3.821	0.191754	1342	60.1498	2.708	4.872406
754	464.6222	5.2	1.40903	1136	698.9543	2.708	0.089497	1343	438.0302	4.298	0.763054
756	674.6889	3.344	0.15914	1139	662.4849	3.026	0.127719	1345	678.4038	3.821	0.230676
762	719.9227	3.503	0.159851	1152	477.7569	3.026	0.235113	1348	496.0075	4.139	0.534419
763	687.581	3.821	0.224893	1153	759.4584	3.98	0.211539	1349	487.1813	3.98	0.486476
765	689.2947	5.1	0.622735	1155	647.4545	3.662	0.221824	1354	698.1339	3.026	0.11568
769	298.5199	3.185	0.6246	1158	525.9529	2.867	0.173271	1355	710.3673	2.39	0.067299
781	771.5321	3.026	0.095701	1159	312.9747	4.4	1.518509	1356	441.9381	3.344	0.349969
782	535.963	2.867	0.1673	1163	460.4748	2.39	0.151285	1357	726.1472	3.503	0.157264
784	518.3786	4.616	0.721262	1165	777.3842	3.662	0.156908	1358	588.8198	4.298	0.440975
788	534.9326	3.503	0.279268	1169	326.0559	4.5	1.529513	1359	726.4418	3.662	0.178459
791	481.4911	4.5	0.753623	1175	711.8061	3.026	0.111511	1361	633.9085	3.185	0.157604
795	587.5537	4.6	0.563754	1176	319.2221	3.662	0.812402	1362	728.1036	3.344	0.137776
796	588.7754	3.662	0.265159	1181	591.4318	3.503	0.231527	1363	452.3294	3.344	0.335352
800	721.1829	3.344	0.140293	1200	475.3452	2.867	0.208973	1364	689.1936	2.231	0.062753
803	734.8477	3.344	0.135388	1207	183.5717	4.3	3.494037	1365	118.59	2.708	1.943087
804	427.5886	3.026	0.288271	1213	495.2018	3.662	0.365984	1367	481.7647	2.549	0.158071
805	420.995	2.39	0.178306	1214	499.2193	4.6	0.763591	1368	469.8129	2.708	0.188028
807	681.2361	2.867	0.106692	1215	736.2339	2.072	0.048763	1370	748.6444	7.2	2.857339
811	794.6995	3.662	0.150465	1216	659.7584	3.185	0.146175	1371	777.1975	3.185	0.107181
816	522.9989	4.4	0.596884	1217	667.7868	4	0.274237	1372	794.2354	3.026	0.090563
819	658.1517	3.503	0.189389	1220	620.9841	5.1	0.758102	1373	727.136	3.344	0.138124
820	360.4823	3.503	0.575557	1221	607.8339	2.708	0.116444	1374	777.1223	3.662	0.157008
825	558.4853	2.867	0.154945	1222	663.6549	5.1	0.668945	1375	762.3204	3.98	0.210032
827	602.0019	3.026	0.152917	1224	762.166	4.139	0.238614	1376	379.7021	3.503	0.52405
829	732.0281	5.3	0.652124	1226	665.4543	3.9	0.254829	1377	764.1579	3.821	0.184101
831	377.5554	4.298	1.000087	1230	675.3187	3.026	0.123177	1378	751.9313	3.026	0.100497
832	719.1738	4.298	0.302541	1231	593.6741	4.1	0.370631	1379	345.0264	2.708	0.329657
834	354.5181	2.39	0.243459	1233	718.5585	3.662	0.182188	1380	555.7048	3.344	0.229061
835	741.4851	3.503	0.151152	1236	642.252	3.503	0.198319	1381	754.0701	3.344	0.128912
837	710.0735	3.185	0.127222	1238	707.4656	2.708	0.08747	1382	478.8263	3.344	0.301973
839	715.8966	3.662	0.183473	1239	647.1645	3.185	0.151582	1385	477.8484	3.026	0.23503
846	646.7694	3.344	0.172342	1240	511.4869	2.867	0.18248	1386	413.3824	2.39	0.184344
848	540.1296	2.39	0.112592	1245	760.2243	2.549	0.067201	1387	737.4792	3.344	0.134473
849	635.298	2.867	0.121701	1248	212.6746	2.708	0.765456	1388	507.1681	4.298	0.582404
853	500.3093	3.503	0.316206	1249	753.8469	3.662	0.16635	1390	371.9129	7.3	11.34637
856	606.9946	3.503	0.220523	1250	592.0637	3.503	0.172249	1391	411.0912	6.206	3.943161
857	480.8378	4.457	0.729967	1251	516.1917	3.503	0.214385	1392	374.2788	5.252	2.179386
858	489.4736	2.231	0.119022	1252	409.8664	4.139	0.758677	1393	385.6991	3.98	0.746064
861	577.2587	4.139	0.402986	1253	761.294	3.185	0.111477	1394	417.3263	4.139	0.734128
862	480.6595	5.8	2.138981	1254	507.342	3.662	0.349929	1395	424.1516	3.821	0.552611
863	479.5638	4.4	0.700853	1256	627.7924	2.867	0.124452	1396	347.6669	3.344	0.540873
864	479.9139	4.5	0.758203	1257	524.6741	3.503	0.289507	1397	437.934	4.139	0.672184
865	483.8593	3.185	0.26082	1260	709.7239	3.98	0.240535	1398	469.2684	3.026	0.243016
867	465.9321	3.503	0.360637	1261	720.0339	3.185	0.123909	1399	367.0928	2.867	0.334888

No.	DIST	MAGNITUDE	ACCEL.
1400	488.9731	2.072	0.105004
1401	401.0882	4.9	1.450679
1402	432.0777	3.821	0.53421
1403	414.1106	2.708	0.236985
1404	288.6395	3.344	0.752616
1405	436.1527	3.821	0.525106
1406	456.2207	3.026	0.255964
1407	420.8242	2.708	0.23013
1408	404.5348	3.662	0.5305
1409	437.4776	3.344	0.356539
1410	385.7477	3.503	0.509273
1411	441.0266	3.185	0.309337
1412	411.1702	4.8	1.279965
1413	428.8174	3.821	0.541666
1414	433.7756	3.821	0.530388
1415	418.0775	3.98	0.644323
1416	365.1506	3.026	0.383968
1417	403.7439	3.98	0.686621
1418	440.017	3.503	0.400628
1419	373.2131	5.1	1.939819
1420	731.4726	4.298	0.292971
1421	401.0979	3.821	0.611885
1422	627.5314	3.821	0.267175
1423	375.515	6	3.941197
1424	764.2942	3.503	0.1427
1425	579.2768	3.344	0.211955
1426	436.3664	3.821	0.524635
1427	431.2676	4.9	1.270829
1428	441.2025	3.344	0.35104
1429	418.2533	3.98	0.643829
1430	436.1419	3.026	0.278007
1431	623.8562	3.821	0.270141
1432	630.6129	3.185	0.159157
1434	735.8994	2.708	0.081177
1436	358.8501	2.867	0.348872
1437	774.9837	2.39	0.057051
1438	539.9712	4.298	0.518386
1439	344.346	3.026	0.426661
1440	381.6953	3.185	0.402506
1441	786.5087	2.867	0.081244
1442	379.0518	4.298	0.992958
1443	717.0801	3.026	0.109962
1444	711.8565	3.503	0.1633
1445	780.2804	4.298	0.259144
1446	738.2687	2.549	0.071046
1447	215.3559	2.708	0.749466
1448	213.2384	3.344	1.267516
1449	353.4835	2.231	0.215508
1451	424.8801	3.344	0.376124
1452	707.0568	4.2	0.288875
1453	450.0315	3.503	0.384421
1454	701.5712	3.503	0.167861
1456	342.0927	4.5	1.403817
1457	452.1072	5.6	2.040365
1458	785.62	-1.108	0.003386
1459	670.4127	2.549	0.085267
1460	438.0525	3.98	0.591603
1461	710.2985	3.185	0.127146
1462	396.713	5.5	2.391617
1463	692.3059	3.98	0.252114
1464	672.6063	3.185	0.140952
1465	765.462	3.185	0.110327
1466	724.8492	4.298	0.298067
1468	94.85192	2.867	3.051909
1469	100.493	3.344	4.11816
1470	105.3107	4.3	8.27115
1471	706.164	3.185	0.128559
1472	798.0513	3.503	0.131436
1473	457.4311	4.457	0.800281
1474	615.5242	2.072	0.068375
1476	419.1141	2.708	0.231847
1477	92.09253	2.549	2.466294
1478	102.1571	5.7	26.48706
1479	143.7415	3.344	2.407677
1480	101.7796	2.867	2.760948
1481	91.76823	5.6	28.4581
1482	89.38101	3.026	3.765191
1483	652.8385	3.026	0.1313
1484	740.2174	3.026	0.103537
1485	596.7398	4.6	0.547605
1486	604.1171	3.503	0.222498
1487	606.0065	3.662	0.251202
1489	744.4522	3.026	0.102422
1490	693.9882	2.867	0.103017
1491	620.442	3.026	0.144497

อำเภอเมือง จังหวัดเชียงราย

No.	DIST	MAGNITUDE	ACCEL.
6	697.6909	4.616	0.41324
8	613.8819	3.98	0.316215
9	660.5584	4.934	0.590944
13	724.9922	5.729	0.936122
14	617.8214	6.206	1.854203
15	624.8236	4.457	0.448018
17	709.6422	5.093	0.586097
24	713.1182	5.252	0.659468
28	728.6671	6.683	1.988948
29	689.4842	6.365	1.712315
30	744.753	4.934	0.470944
31	720.7485	4.775	0.441276
33	782.3771	3.503	0.136494
39	665.081	3.662	0.210872
43	576.0451	4.775	0.672927
45	687.4003	4.616	0.425015
48	528.4159	4.298	0.539677
49	523.4258	4.775	0.804488
50	524.4276	3.344	0.25515
51	706.2151	4.457	0.355615
55	337.3146	4.457	1.390917
56	647.5399	3.185	0.151417
61	103.6406	4.775	12.37766
65	601.9089	4.616	0.545763
67	701.093	4.616	0.409454
68	628.7687	4.616	0.502804
69	618.708	4.139	0.353865
80	637.1533	3.662	0.228625
81	754.4316	2.549	0.068185
82	651.437	3.344	0.170023
89	376.0649	3.821	0.687729
90	391.1762	4.457	1.065121
91	498.9892	3.821	0.409807
92	518.2526	4.139	0.492677
93	743.4833	2.708	0.079613
94	626.2221	3.662	0.236189
96	728.9072	3.98	0.228683
98	713.6578	4.298	0.306985
99	680.6991	4.298	0.335705
100	781.497	3.185	0.106062
102	515.3637	4.457	0.642027
103	551.1059	4.775	0.730907
104	611.3687	4.934	0.683567
108	727.5938	4.139	0.260592
109	711.1035	3.662	0.185822
111	727.7381	4.139	0.260494
113	760.0691	4.934	0.453086
114	620.346	4.775	0.585666
126	687.0405	3.503	0.174638
129	781.2432	3.662	0.155437
132	652.9929	3.185	0.149043
133	708.2437	3.503	0.16488
141	699.394	3.185	0.130924
144	652.975	3.662	0.218304
147	611.5213	4.298	0.41078
154	577.8242	3.503	0.241838
159	743.4833	3.503	0.150382
167	649.9851	3.662	0.2202
169	570.061	3.821	0.319884
179	242.7214	3.98	1.691469
180	689.721	3.98	0.253903
186	98.08993	3.98	7.090187
187	628.7687	3.821	0.266187
188	720.6999	3.821	0.205737
189	652.9929	5.57	1.004493
190	718.5929	3.344	0.141252
193	537.4983	5.411	1.273681
194	546.6433	4.298	0.506662
195	544.955	3.821	0.347932
196	537.4983	3.98	0.405397
197	543.7937	3.821	0.349318
198	537.4983	2.867	0.166412
199	540.5063	3.821	0.353285
200	502.135	3.662	0.356683
201	525.4719	3.503	0.288691
202	550.3223	3.662	0.300828
203	540.5063	3.344	0.241212
204	538.0622	3.344	0.243256
205	516.6296	3.98	0.436364
206	544.5696	3.185	0.209458
207	539.7505	4.298	0.518781
209	544.955	4.298	0.50959
210	361.1288	4.616	1.3976
211	367.0793	5.888	3.754316
212	350.8072	3.662	0.686392
215	529.4303	2.867	0.171161
216	564.4062	4.298	0.477319
220	760.9434	3.98	0.210755
221	531.7824	3.662	0.320653
226	645.2663	4.298	0.371319
241	617.5504	3.185	0.165544
251	391.0763	3.344	0.437426
258	356.6045	4.934	1.843826
259	722.9848	3.503	0.158571
262	728.6983	3.344	0.137563
264	745.063	3.98	0.219368
267	793.6178	4.457	0.284954
271	623.1937	3.662	0.238351
272	638.0927	3.98	0.294038
273	627.3685	3.344	0.182508
274	344.9125	4.457	1.336547
275	538.8984	3.821	0.355251
276	735.0072	3.503	0.153689
277	573.7078	4.139	0.407662
279	663.7749	3.98	0.27297
280	776.0632	3.344	0.122058
282	506.1987	4.139	0.514663
285	468.9601	4.2	0.622372
288	646.783	2.867	0.117665
289	631.9763	3.026	0.139579
290	650.1654	3.662	0.220085
291	622.9316	4.457	0.450579
292	588.807	3.821	0.301096
293	193.323	3.662	1.92567
294	722.5426	2.708	0.084046
295	733.9909	3.344	0.135688
296	489.7642	5	1.089433
300	311.6881	3.344	0.6572
303	518.9622	3.503	0.295454
304	696.4535	3.662	0.193289
307	680.9355	3.98	0.260129
309	609.5344	3.98	0.320463
311	752.9924	2.867	0.088257
315	250.2805	3.185	0.849444
316	220.9992	3.185	1.050732
323	735.6291	2.708	0.081234
325	553.2816	3.185	0.203352
328	669.1722	3.98	0.26883
330	682.8419	2.867	0.106218
338	681.9625	4.616	0.431441
340	367.2143	6.4	5.651058
341	374.998	4.139	0.891522
344	715.7109	3.503	0.161638
347	688.3676	3.185	0.134918
348	748.2724	3.662	0.168711
349	754.7098	2.549	0.068137
352	670.7574	3.503	0.182731
358	643.8548	3.344	0.173814
359	552.4218	3.503	0.263022
360	678.2821	3.821	0.230754
361	681.9189	3.98	0.259421
362	629.9178	3.821	0.265275
366	723.2203	3.185	0.122877
369	643.8548	2.231	0.071349
372	740.8115	3.503	0.151413
373	653.1009	3.185	0.148997
374	724.6277	3.344	0.139031
375	177.3602	3.344	1.720492
376	719.3157	3.344	0.140983
377	522.8104	3.662	0.330958
378	691.8915	3.821	0.222252
379	790.2472	3.503	0.133918
380	698.8877	3.185	0.131103
381	684.496	4.139	0.292518
382	324.4065	4.775	1.923183
383	628.6389	3.026	0.140976
387	718.7487	2.867	0.096403
388	668.861	3.662	0.208629
391	130.4477	3.026	2.16943
394	753.1341	4.457	0.314786
398	610.092	3.662	0.248055
400	586.1376	5.411	1.083484
401	565.9633	2.867	0.151145
402	571.3812	3.662	0.280461
403	588.6644	3.821	0.301232
404	651.7494	3.821	0.248795
406	684.4073	3.662	0.199771
407	116.8847	3.185	2.908097
408	658.5716	3.503	0.189162
409	141.8135	3.503	2.792561
410	411.5424	4.298	0.855203
412	676.7086	3.821	0.231768
413	259.137	3.662	1.171539
414	266.7075	3.98	1.437252
421	566.5925	3.185	0.194525
422	722.4869	4.298	0.299917
424	404.3673	3.821	0.602914
429	321.1071	5.2	2.751573
430	405.8918	2.867	0.279143
431	322.807	4.139	1.166467
432	406.5809	3.026	0.31603
433	531.7262	3.344	0.248677
438	763.7618	3.344	0.125822
439	672.5288	3.9	0.249794
440	519.462	5.5	1.457278
449	548.2157	3.662	0.302987
450	503.8926	3.821	0.402451
451	513.2364	6.9	4.567432
452	514.4622	7	4.925987
453	498.25	3.821	0.410933
454	491.1483	3.185	0.253711
455	509.7474	2.39	0.125381
456	510.4597	4.298	0.57546
457	501.1584	2.39	0.129393
458	536.3959	2.39	0.114056
459	500.4352	4.139	0.525698
460	511.7331	3.662	0.344381
461	496.4442	6.2	2.77485
463	497.199	5.5	1.580569
464	485.1737	3.662	0.380094
465	479.2	3.185	0.265522
466	551.3979	5.9	1.795967
467	532.5232	3.026	0.192283
468	519.4306	3.503	0.29496
469	540.1177	2.549	0.12787
472	639.9918	2.39	0.081951
473	479.6781	5.4	1.559091
474	512.1455	3.185	0.234781
475	540.9851	6.3	2.562726
476	553.0465	4.9	0.8025
480	544.1421	3.026	0.18471
481	721.651	2.867	0.09567
482	525.7837	2.549	0.134431
484	301.1264	4.5	1.761236
485	686.925	3.344	0.153827
487	683.0733	2.072	0.056197
488	518.229	3.98	0.433867
489	506.7583	3.98	0.452263
490	160.2044	3.662	2.61547
492	551.1091	3.662	0.300028
493	735.2651	3.503	0.153587
494	512.4119	3.185	0.234555
499	662.959	3.98	0.273603
501	483.6182	3.344	0.296472
502	671.344	3.662	0.207175
503	617.319	4.6	0.513854
509	765.2629	5.7	0.825459
513	630.5878	3.185	0.159169
518	799.5414	4.298	0.24739
521	600.4839	3.026	0.153643
522	605.5989	3.503	0.221477
525	727.1793	4.139	0.260874
528	648.6657	4.139	0.323748
536	695.7631	3.821	0.219919
538	726.9371	3.662	0.178229
541	714.765	3.98	0.237333
542	646.9281	4.139	0.325388
543	700.1932	3.026	0.115037
546	762.7194	2.867	0.086131
548	780.6256	4	0.204005
554	691.1401	3.185	0.133896
555	471.8067	2.867	0.211872
557	340.1469	2.867	0.384046
558	623.1488	4.7	0.546907
561	105.9281	4.6	10.4259
562	419.0748	2.867	0.263341
564	648.6234	3.185	0.150941
565	675.9566	2.867	0.108271
566	650.9104	3.503	0.19338
568	104.4087	5.2	17.20547
571	94.17699	3.821	6.612768
572	359.5881	5.3	2.434286
573	354.9653	3.344	0.521068
574	632.5555	2.549	0.095136
575	689.9062	3.185	0.13435
576	303.5261	2.867	0.470291
577	574.561	3.185	0.189514
578	557.5447	5.8	1.623954
580	684.2369	2.708	0.093171
583	720.6611	4.8	0.450294
584	679.0959	5.1	0.640525
585	624.4953	3.344	0.184139
586	651.0779	3.026	0.13197
587	495.3387	2.708	0.170524
588	552.2096	4.95	0.837613
589	648.09	3.026	0.133118
590	99.27779	3.344	4.190336
591	727.8343	2.867	0.094135
592	527.6527	3.026	0.195597
595	665.4623	4.7	0.483268
597	236.214	3.662	1.37406
598	263.241	4.7	2.615528
599	583.074	2.549	0.110847
600	110.1388	4.45	8.735552
604	535.1942	4.7	0.726953
605	761.2836	3.503	0.143775
607	379.4429	6.2	4.53882
608	372.2868	2.867	0.326503
610	256.0876	3.344	0.927198
611	643.5006	4.4	0.404974
612	649.5533	3.185	0.150534
613	753.8129	3.185	0.113588
614	742.5509	4.6	0.362549
617	619.3449	2.708	0.112413
618	620.2191	3.662	0.240503
619	657.241	3.344	0.167204
620	782.8749	2.708	0.072173
621	773.5492	2.867	0.083853
625	539.8488	2.549	0.127989
626	742.5509	4.6	0.362549
627	604.8241	3.026	0.151581
630	550.0679	2.231	0.095833
634	703.2625	3.9	0.229563
639	631.4159	3.185	0.158777
641	620.8911	2.867	0.127065
642	574.5783	4.9	0.747254
643	580.2817	3.026	0.163814
647	516.4941	3.026	0.20352
648	673.0272	3.662	0.206198
650	675.3421	3.185	0.139876
651	521.2195	3.503	0.293082
653	720.8941	3.026	0.108863
654	728.5527	1.913	0.043801
658	721.1053	3.026	0.108802
659	698.1262	3.344	0.149194
660	87.90563	2.549	2.630401
665	585.0381	3.026	0.16133
667	677.5664	3.026	0.122406
674	742.5014	4.1	0.243055
675	699.1538	3.662	0.191879
676	669.5521	4.139	0.304969
679	62[illegible].1615	2.708	0.111797
681	624.3979	2.549	0.097487
684	652.7937	2.39	0.07895
685	276.7604	2.708	0.487059
686	494.0714	3.185	0.250941
687	727.4584	5.4	0.714876
691	587.3502	5.35	1.027894

No.	DIST	MAGNITUDE	ACCEL.
692	594.0481	3.8	0.291205
693	610.5019	3.503	0.218151
694	719.1284	3.185	0.124205
695	589.012	3.344	0.205445
697	773.3283	4.139	0.232109
700	704.5525	4.85	0.48917
701	351.8961	2.072	0.191308
702	571.5843	3.344	0.21732
703	701.8388	3.662	0.190493
704	725.5422	3.185	0.122133
706	611.6892	3.662	0.24684
707	200.2781	2.867	0.961297
708	595.9418	4.1	0.367993
715	709.1687	5.1	0.590134
718	192.4856	1.913	0.478674
720	683.0733	4.6	0.424646
721	516.1281	3.185	0.231431
724	652.1787	3.503	0.192672
727	323.2954	3.821	0.902027
728	743.1224	2.867	0.090495
729	723.2042	4.1	0.255501
730	726.1271	5	0.520912
732	655.3491	3.98	0.279625
733	683.4489	3.503	0.176376
737	781.8999	2.867	0.082158
738	578.1027	4.1	0.38954
739	668.0391	2.867	0.110706
740	769.3399	3.503	0.140927
741	646.4231	3.344	0.172516
743	699.7942	3.344	0.148522
744	593.6317	3.185	0.178278
745	474.8427	2.549	0.16235
747	741.6707	3.503	0.15108
748	659.0832	3.503	0.188885
749	566.6224	5.1	0.900062
750	588.5237	2.708	0.123709
751	584.26	2.867	0.142415
753	138.1809	4.8	8.206471
754	373.3771	5.2	2.099714
756	710.3823	3.344	0.14436
762	777.1874	3.503	0.138233
763	779.3807	3.821	0.177324
765	781.6112	5.1	0.490656
769	394.0239	3.185	0.379965
782	613.555	2.867	0.129934
784	582.9139	4.616	0.579555
788	592.0341	3.503	0.231086
791	378.4271	4.5	1.1706
795	611.9522	4.6	0.522348
796	642.5927	3.662	0.224995
800	750.572	3.344	0.130056
803	769.0214	3.344	0.124192
804	324.3166	3.026	0.474865
805	317.5953	2.39	0.29633
807	735.9112	2.867	0.092185
816	552.7501	4.4	0.53847
819	697.0687	3.503	0.169918
820	256.7131	3.503	1.048532
825	615.6947	2.867	0.129087
827	648.0882	3.026	0.133119
829	756.8057	5.3	0.612198
831	288.0281	4.298	1.620481
832	747.424	4.298	0.281222
834	267.6004	2.39	0.400484
835	797.002	3.503	0.131766
837	748.2467	3.185	0.115198
839	728.1026	3.662	0.177688
842	773.0846	3.344	0.122954
846	699.1038	3.344	0.1488
848	634.9087	2.39	0.08319
849	698.7742	2.867	0.101686
853	588.8536	3.503	0.23343
856	652.5783	3.503	0.19245
857	539.7688	4.457	0.589113
858	548.3274	2.231	0.0964
861	635.8256	4.139	0.336167
862	540.8644	5.8	1.718561
863	539.9622	4.4	0.562478
864	538.1186	4.5	0.613217
865	544.5653	3.185	0.209462
867	524.0582	3.503	0.29014
868	335.0664	3.185	0.508808
877	555.3815	3.662	0.295738
878	557.3313	3.026	0.176643
879	314.4284	3.503	0.734848
880	307.3829	3.821	0.986558
881	420.9535	4.5	0.964571
883	421.2678	6.6	5.168405
884	471.015	3.344	0.311276
885	340.2069	3.344	0.562306
886	427.474	3.185	0.327533
887	447.6258	2.549	0.180979
888	439.0515	2.708	0.212951
889	729.4599	3.503	0.155913
893	439.0997	5	1.33203
894	374.2339	3.662	0.61095
897	666.5271	3.662	0.21001
898	709.9946	4.139	0.272965
899	542.8308	2.708	0.143866
900	784.9966	4.934	0.426119
901	576.3599	3.026	0.165905
902	747.0486	2.231	0.053866
905	640.542	3.821	0.257057
907	740.4808	4.139	0.252057
912	259.344	3.821	1.328613
913	627.8078	4.457	0.444023
914	785.6547	3.344	0.119238
918	567.5251	4.298	0.47243
921	721.931	3.344	0.140017
940	761.5375	3.821	0.185307
941	642.3413	3.503	0.198268
942	307.4741	3.503	0.764557
943	750.3942	4.298	0.279112
952	779.5423	3.026	0.093839
954	427.6147	3.344	0.371737
955	315.583	3.185	0.566094
968	243.8944	5.6	6.130749
969	214.5795	2.867	0.856326
970	227.6542	3.98	1.887268
973	783.9287	3.344	0.119738
974	588.4818	3.821	0.301407
976	726.2223	3.344	0.138453
978	746.634	3.98	0.218492
985	755.0317	3.821	0.188352
996	791.9582	2.231	0.048207
1080	692.5423	2.549	0.080193
1086	710.284	3.821	0.211489
1108	639.4875	4.7	0.520921
1109	580.1247	3.185	0.186128
1114	723.9682	3.026	0.107988
1116	779.6867	2.708	0.072736
1118	614.2421	3.026	0.147249
1122	446.2274	2.39	0.16028
1123	752.9389	3.026	0.100242
1126	622.6588	3.185	0.163001
1132	692.3043	3.185	0.133471
1133	767.984	3.821	0.182362
1136	722.6806	2.708	0.084015
1139	737.9411	3.026	0.104144
1152	392.1575	3.026	0.337477
1153	783.0529	3.98	0.199584
1155	686.8509	3.662	0.19843
1158	440.0408	2.867	0.24084
1159	415.7437	4.4	0.910885
1163	563.077	2.39	0.104187
1165	784.9983	3.662	0.154025
1169	221.4658	4.5	2.997908
1175	735.5706	3.026	0.104782
1176	413.8114	3.662	0.509033
1181	603.9416	3.503	0.222619
1182	728.9829	5.8	0.980576
1183	718.9785	3.185	0.124254
1184	714.7526	2.867	0.097426
1186	714.7908	3.026	0.110631
1200	371.0401	2.867	0.328486
1207	281.6032	4.3	1.688575
1213	391.2435	3.662	0.563705
1214	395.2583	4.6	1.171919
1215	739.8049	2.072	0.048317
1216	636.3448	3.185	0.156471
1217	641.285	4	0.295987
1219	726.7621	3.662	0.17831
1220	522.7203	5.1	1.045982
1221	507.8152	2.708	0.162845
1222	637.6481	5.1	0.721275
1226	639.605	3.9	0.274583
1230	611.0596	3.026	0.148692
1231	697.6407	4.1	0.273517
1233	734.0913	3.662	0.17495
1236	572.0941	3.503	0.246387
1238	653.4833	2.708	0.101618
1239	699.5468	3.185	0.13087
1240	577.7176	2.867	0.145447
1248	317.3128	2.708	0.382777
1250	735.8679	3.503	0.153348
1251	660.4373	3.503	0.188155
1252	474.3204	4.139	0.580439
1254	537.6047	3.662	0.314221
1256	689.6564	2.867	0.104244
1257	587.5634	3.503	0.23439
1260	732.6837	3.98	0.226453
1261	731.3248	3.185	0.120308
1262	655.178	3.821	0.246347
1263	370.5065	3.026	0.374014
1264	611.2895	3.821	0.280667
1267	641.4233	2.867	0.119523
1268	636.688	5.1	0.723324
1269	642.3284	5.6	1.061305
1270	582.145	2.231	0.086205
1271	656.7531	3.026	0.129829
1275	678.9454	3.185	0.138477
1276	683.5133	3.185	0.136734
1277	746.9658	2.549	0.069485
1279	524.4939	3.026	0.197792
1280	202.2983	3.026	1.073563
1282	736.4554	3.185	0.118724
1283	666.2477	4.5	0.410898
1284	663.9845	2.708	0.098609
1286	712.9388	3.185	0.126256
1288	788.7405	3.185	0.104216
1289	515.8825	2.231	0.107982
1290	735.784	3.503	0.153382
1291	588.8279	4.7	0.608235
1292	691.7397	3.344	0.15181
1293	695.1995	1.436	0.032681
1294	706.8854	3.662	0.187927
1295	718.7536	3.344	0.141192
1296	664.3842	3.503	0.186053
1297	266.4094	3.503	0.98322
1298	727.4881	3.344	0.137997
1299	332.1206	1.436	0.127567
1301	661.0172	2.708	0.099446
1302	692.1897	4.457	0.36937
1303	721.4432	4.139	0.264819
1304	738.7257	2.39	0.062487
1307	701.4305	2.231	0.060698
1308	642.1744	3.185	0.153808
1309	705.7772	3.185	0.128692
1310	563.5385	3.185	0.196499
1311	729.9753	3.503	0.155705
1313	743.3646	3.503	0.150427
1314	540.8667	3.026	0.186799
1315	679.9104	4.139	0.296256
1316	619.0075	3.026	0.145127
1317	664.7828	3.662	0.211051
1318	776.719	3.662	0.157164
1319	725.024	3.344	0.138887
1321	520.476	2.708	0.155571
1322	550.5703	3.662	0.300576
1323	646.8214	2.867	0.117652
1324	312.3683	2.549	0.346583
1325	243.1075	3.026	0.786367
1326	425.1416	2.867	0.256517
1327	711.9684	4.9	0.499141
1329	270.1707	3.344	0.844911
1330	625.8905	3.026	0.142142
1331	546.9934	3.344	0.23591
1332	416.4727	4.5	0.9836
1334	759.0403	1.436	0.027667
1335	762.5874	3.026	0.097846
1337	705.3835	2.867	0.099891
1341	667.9316	3.503	0.184193
1342	132.3256	2.708	1.645675
1343	539.1771	4.298	0.519809
1345	721.0009	3.821	0.205574
1348	555.9007	4.139	0.43239
1349	546.9189	3.98	0.392487
1354	692.9417	3.026	0.117325
1355	767.6524	2.39	0.058091
1356	525.2066	3.344	0.254447
1357	748.1719	3.503	0.148598
1358	646.8192	4.298	0.369642
1359	736.7837	3.662	0.173739
1361	691.701	3.185	0.133691
1362	654.6842	3.344	0.168437
1363	549.4022	3.344	0.233986
1364	792.9203	2.231	0.048096
1365	91.51144	2.708	2.825638
1367	570.6091	2.549	0.115418
1368	539.253	2.708	0.145649
1370	761.1526	7.2	2.768814
1371	789.6052	3.185	0.103999
1373	752.5399	3.344	0.129411
1374	789.0031	3.662	0.15254
1375	772.9562	3.98	0.204573
1376	317.3449	3.503	0.722902
1377	775.6082	3.821	0.178968
1378	766.1607	3.026	0.096981
1379	441.7416	2.708	0.210579
1380	631.5052	3.344	0.180266
1381	765.4281	3.344	0.125302
1382	530.4351	3.344	0.249804
1385	527.5233	3.026	0.195686
1386	311.1535	2.39	0.307302
1387	798.5312	3.344	0.115604
1388	588.73	4.298	0.441101
1390	312.9072	7.3	15.45777
1391	356.8553	6.206	5.094586
1392	316.7053	5.252	2.939684
1393	324.2591	3.98	1.018969
1394	363.0635	4.139	0.945098
1395	369.5459	3.821	0.709797
1396	282.316	3.344	0.782436
1397	382.2571	4.139	0.861133
1398	429.6609	3.026	0.285732
1399	325.8804	2.867	0.414579
1400	434.683	2.072	0.130397
1401	337.961	4.9	1.975734
1402	381.038	3.821	0.671579
1403	357.3337	2.708	0.309551
1404	229.5381	3.344	1.118851
1405	380.5876	3.821	0.673018
1406	400.3107	3.026	0.325095
1407	364.8445	2.708	0.298172
1408	348.1544	3.662	0.695806
1409	385.4635	3.344	0.449043
1410	329.7729	3.503	0.675126
1411	383.9689	3.185	0.398201
1412	350.8097	4.8	1.705879
1413	378.2203	3.821	0.680658
1414	386.7591	3.821	0.653693
1415	357.8228	3.98	0.854284
1416	305.5481	3.026	0.527851
1417	341.1235	3.98	0.930787
1418	387.0434	3.503	0.506187
1419	307.7012	5.1	2.739663
1420	781.9633	4.298	0.258084
1421	339.7712	3.821	0.825459
1422	645.0089	3.821	0.253715
1423	310.2877	6	5.545642
1424	777.9235	3.503	0.137984
1425	653.025	3.344	0.169245
1426	381.3909	3.821	0.670454
1427	375.2352	4.9	1.636945
1428	386.4213	3.344	0.447028
1429	365.7299	3.98	0.821311
1430	380.7887	3.026	0.355959
1431	662.1545	3.821	0.241476
1432	685.3054	3.185	0.136059

No.	DIST	MAGNITUDE	ACCEL.
1434	750.2636	2.708	0.078253
1436	306.4042	2.867	0.462508
1438	640.1499	4.298	0.376927
1439	447.9504	3.026	0.264714
1440	322.8156	3.185	0.543749
1441	793.9087	2.867	0.079808
1442	356.989	4.298	1.106392
1443	661.6832	3.026	0.128011
1444	664.7977	3.503	0.185834
1445	797.9189	4.298	0.248349
1446	749.4977	2.549	0.06904
1447	110.7082	2.708	2.151641
1448	109.5288	3.344	3.635488
1449	448.1623	2.231	0.140019
1451	373.8511	3.344	0.474596
1452	710.6566	4.2	0.286111
1453	505.0706	3.503	0.310706
1454	721.6953	3.503	0.159108
1456	277.7292	4.5	2.030176
1457	395.8878	5.6	2.600626
1459	565.9072	2.549	0.117217
1460	386.5114	3.98	0.743225
1461	624.0544	3.185	0.162317
1462	294.5736	5.5	4.074744
1463	726.3885	3.98	0.230189
1464	710.6546	3.185	0.127025
1465	796.2929	3.185	0.102342
1466	747.8671	4.298	0.280905
1468	82.01304	2.867	3.727978
1469	68.06511	3.344	6.960519
1470	120.4158	4.3	6.786828
1471	647.7556	3.185	0.151322
1472	703.878	3.503	0.166821
1473	532.1042	4.457	0.605004
1474	657.8984	2.072	0.060324
1476	359.0435	2.708	0.306904
1477	121.8847	2.549	1.642063
1478	118.3132	5.7	21.35681
1479	240.7237	3.344	1.031465
1480	146.3161	2.867	1.598767
1481	112.0923	5.6	21.36056
1482	72.20872	3.026	5.005816
1483	668.4493	3.026	0.125577
1484	729.5679	3.026	0.106423
1485	668.1806	4.6	0.442694
1486	676.1138	3.503	0.180008
1487	650.4203	3.662	0.219923
1489	768.6726	3.026	0.096379
1490	720.417	2.867	0.09598
1491	671.3101	3.026	0.124569

อำเภอแม่สอด จังหวัดตาก

No.	DIST	MAGNITUDE	ACCEL.
7	576.2476	4.298	0.459151
9	794.1408	4.934	0.416828
14	695.8327	6.206	1.481887
15	480.5806	4.457	0.730689
21	652.6096	4.139	0.320071
22	599.182	4.139	0.375816
27	511.7069	4.139	0.504437
30	384.5301	4.934	1.609231
31	361.3548	4.775	1.585389
43	564.8813	4.775	0.697996
47	756.5467	4.298	0.274817
49	539.9449	4.775	0.759311
50	547.7091	3.344	0.235336
55	707.1064	4.457	0.354767
56	692.6741	3.185	0.133336
59	609.8597	3.185	0.169485
61	437.3787	4.775	1.120642
64	581.045	4.457	0.513408
65	408.1614	4.616	1.119649
68	721.1206	4.616	0.388189
69	714.5398	4.139	0.269687
70	610.777	4.139	0.362543
71	500.3198	4.298	0.597261
73	744.9127	3.185	0.116179
74	640.7131	3.821	0.256928
88	791.6695	4.298	0.252095
89	741.9914	3.821	0.194686
90	756.7317	4.457	0.311949
91	789.8995	3.821	0.172858
94	283.3822	3.662	1.002455
95	562.8541	4.139	0.422474
101	760.6521	3.662	0.163535
102	389.8321	4.457	1.071792
104	679.3097	4.934	0.560536
112	675.1244	3.98	0.264374
113	392.0995	4.934	1.553344
114	611.9408	4.775	0.600865
143	572.8166	4.934	0.772279
147	740.276	4.298	0.286398
148	797.7019	4.616	0.320458
149	789.6927	3.98	0.196403
151	692.1182	4.139	0.286458
152	685.1738	4.775	0.485634
154	745.739	3.503	0.14952
158	638.1959	3.98	0.293949
167	285.9635	3.662	0.986641
168	595.7735	2.708	0.120903
169	434.0861	3.821	0.529694
171	570.9401	4.775	0.60422
173	603.1092	3.344	0.196536
179	606.6957	3.98	0.323282
186	439.6396	3.98	0.587694
187	721.1206	3.821	0.20551
191	698.1588	4.457	0.36342
210	731.4311	4.616	0.377882
211	738.2288	5.888	1.027245
212	721.2823	3.662	0.180886
214	666.8849	4.139	0.307274
226	726.246	4.298	0.296982
249	778.5482	3.662	0.156462
250	488.1421	3.98	0.484708
251	340.6848	3.344	0.560895
252	671.417	3.98	0.267136
253	611.0405	4.298	0.411387
254	721.7188	4.139	0.264627
255	632.9141	3.662	0.231514
256	649.7876	3.344	0.170837
257	704.2147	4.139	0.277222
258	727.8022	4.934	0.491968
267	432.5033	4.457	0.886949
268	590.3403	3.662	0.263844
269	600.3022	3.821	0.290382
270	587.4773	4.457	0.502936
271	280.3947	3.662	1.021237
272	290.5381	3.98	1.237481
273	278.6421	3.344	0.800583
274	714.938	4.457	0.347445
275	732.2472	3.821	0.19963
277	753.7789	4.139	0.243683
279	712.5422	3.98	0.238737
280	414.3331	3.344	0.393789
289	779.0462	3.026	0.093953
290	455.5962	3.662	0.426817
291	395.1988	4.457	1.045521
292	656.0144	3.821	0.245755
293	407.937	3.662	0.522472
300	681.883	3.344	0.155984
303	432.8874	3.503	0.4128
305	621.1352	3.8846	0.286586
306	582.5697	3.98	0.348824
308	777.9074	3.026	0.094215
309	662.7092	3.98	0.273798
310	776.8564	4.1708	0.236037
315	621.4365	3.185	0.163604
316	506.5384	3.185	0.239623
320	764.9458	3.503	0.142469
326	666.1744	3.821	0.238735
340	738.4744	6.4	1.546276
341	745.7883	4.139	0.248664
342	599.7346	3.026	0.154003
343	620.6571	2.867	0.127155
344	725.465	3.503	0.157545
347	797.9059	3.185	0.101948
358	795.5936	3.344	0.116419
359	742.239	3.503	0.150861
360	485.2759	3.821	0.431484
361	719.5783	3.98	0.234335
365	550.8392	3.662	0.300302
369	795.5936	2.231	0.047789
372	799.5859	3.503	0.130956
373	793.5759	3.185	0.10301
375	365.3993	3.344	0.494592
377	517.3606	3.662	0.337462
381	329.4637	4.139	1.124813
382	122.2835	4.775	9.697155
383	741.8814	3.026	0.103097
386	717.7321	3.662	0.182585
387	504.1241	2.867	0.187452
391	461.8929	3.026	0.250211
392	590.681	3.185	0.17995
393	707.3283	3.662	0.187704
395	719.712	3.026	0.109202
398	747.9357	3.662	0.168856
399	693.7468	3.821	0.22113
400	657.3865	5.411	0.873403
401	640.9379	2.867	0.119694
402	659.2363	3.662	0.214412
406	657.3013	3.662	0.215604
407	443.8853	3.185	0.305693
408	757.7876	3.503	0.145038
409	352.0866	3.503	0.600469
410	279.3445	4.298	1.709808
413	613.1604	3.662	0.24573
414	623.9942	3.98	0.306657
421	652.975	3.185	0.149051
424	263.1479	3.821	1.295478
425	566.8611	3.821	0.323267
429	691.5728	5.2	0.670406
430	462.5087	2.867	0.219785
431	692.4987	4.139	0.286161
432	248.6183	3.026	0.756625
433	468.9403	3.344	0.313819
439	710.3511	3.9	0.225246
440	642.5274	5.5	0.979137
447	792.8965	2.549	0.062032
449	356.8203	3.662	0.665747
462	643.1089	3.026	0.135067
471	564.1499	2.072	0.080498
472	773.2415	2.39	0.057295
481	388.0327	2.867	0.302923
484	672.3336	4.5	0.403907
487	475.53	2.072	0.110552
490	519.4721	3.662	0.334919
491	708.9153	3.503	0.164585
502	472.1083	3.662	0.399736
503	267.6243	4.6	2.34612
512	788.0249	3.503	0.134638
513	615.0323	3.185	0.166819
521	712.6969	3.026	0.111247
528	794.9578	4.139	0.220239
529	728.932	5.3	0.657386
530	735.062	3.98	0.225065
531	720.1406	5.6	0.855144
532	726.1946	3.821	0.202797
533	728.932	2.867	0.093866
534	725.7729	3.662	0.178771
535	721.9321	3.185	0.123293
537	730.1191	3.026	0.10627
539	727.9713	3.821	0.20186
540	607.0417	2.867	0.132563
542	796.841	4.139	0.219249
543	372.4763	3.026	0.37045
550	779.9671	4.5	0.304828
551	798.9117	4.45	0.279798
555	636.4866	2.867	0.121274
557	688.5828	2.867	0.104551
558	271.2177	4.7	2.483172
559	755.1927	4.1	0.235358
561	282.1964	4.6	2.138703
562	789.2495	2.867	0.080708
564	785.0025	3.185	0.105162
566	785.8312	3.503	0.135354
568	465.9646	5.2	1.401563
571	454.8454	3.821	0.486184
572	730.8377	5.3	0.65414
573	726.2139	3.344	0.138456
574	769.8771	2.549	0.065609
576	658.9921	2.867	0.11359
577	647.1976	3.185	0.151568
578	285.4655	5.8	5.473997
584	317.9862	5.1	2.584503
585	730.8281	3.344	0.136804
586	592.7085	3.026	0.157442
588	275.9416	4.95	2.942934
589	751.4643	3.026	0.100616
590	454.9352	3.344	0.33183
592	738.5463	3.026	0.103982
595	682.6369	4.7	0.460569
597	573.1667	3.662	0.27883
598	595.1574	4.7	0.596173
599	259.919	2.549	0.478402
600	459.4077	4.45	0.789525
602	703.8858	4.5	0.37037
604	728.4294	4.7	0.407312
607	750.6932	6.2	1.27724
608	743.5178	2.867	0.090404
610	586.5832	3.344	0.20704
612	780.3327	3.185	0.106363
615	549.39	3.185	0.206046
616	550.5426	2.867	0.159141
617	271.5615	2.708	0.50345
618	272.1943	3.662	1.075591
619	306.4708	3.344	0.677141
625	479.1039	2.549	0.159696
627	711.7298	3.026	0.111533
629	730.4034	2.39	0.063844
630	474.5479	2.231	0.126027
631	795.6691	4.5	0.293481
642	424.4661	4.9	1.308321
643	668.1081	3.026	0.125698
644	677.2108	2.708	0.095006
647	764.3387	3.026	0.09742
650	752.6484	3.185	0.113922
651	700.0724	3.503	0.164956
655	592.9239	4.9	0.704562
656	655.1898	2.708	0.10112
657	634.1955	3.344	0.17883
659	725.0525	3.344	0.138877
660	293.7382	2.549	0.386358
665	422.4788	3.026	0.294676
674	390.1477	4.1	0.804338
676	711.0149	4.139	0.272224
677	645.4109	3.185	0.152359
679	396.6953	2.708	0.256263
681	389.1374	2.549	0.233673
684	745.8634	2.39	0.061357
685	591.1547	2.708	0.122679
686	691.1899	3.185	0.133878
693	736.0063	3.503	0.153294
696	727.0446	4.1	0.252949
700	420.7789	4.85	1.277219
701	441.0911	2.072	0.126946
702	678.5443	3.344	0.157437
703	413.8641	3.662	0.508915
705	701.9776	3.185	0.130014
706	776.3397	3.662	0.15731
707	567.9701	2.867	0.150149
708	734.0227	4.1	0.248409
711	777.5857	3.185	0.107079
712	722.9598	3.026	0.108274
713	564.2615	2.708	0.133842
714	764.5065	4.1	0.22994
717	730.2749	1.754	0.038397
718	214.605	1.913	0.399115
720	710.2862	4.6	0.394401
721	396.2364	3.185	0.37612
722	781.491	3.821	0.176414
727	584.8666	3.821	0.304905
732	794.3765	3.98	0.194204
733	796.8914	3.503	0.1318
736	780.1795	2.708	0.072648
738	719.2516	4.1	0.258168
739	781.1708	2.867	0.082304
741	657.1514	4.616	0.462697
742	691.9193	3.503	0.172317
743	732.0719	4.5	0.343821
745	748.4681	3.662	0.168628
746	678.5443	3.026	0.122073
748	671.3718	2.39	0.07488
753	521.6579	3.662	0.332318
754	781.4044	3.185	0.106086
755	730.0992	2.708	0.082404
757	738.4397	4.4	0.312216
759	782.2496	3.662	0.155056
763	581.8565	3.503	0.238712
765	584.739	2.867	0.142196
769	712.5856	2.867	0.097988
781	778.838	3.026	0.094001
782	659.3	4.298	0.356565
784	508.041	2.39	0.126163
788	664.9503	5.729	1.102375
791	681.2806	3.98	0.25988
796	727.7261	4.4	0.32099
804	286.2	2.39	0.356116
805	764.17	2.867	0.08582
811	551.0594	3.503	0.264236
812	784.5418	3.503	0.135778
813	788.3319	3.344	0.118469
816	689.4851	4.2	0.30296
817	698.0084	3.344	0.149242
820	767.2934	2.549	0.06603
823	696.5791	3.821	0.219432
825	796.6814	3.503	0.131867
827	479.9528	4.8	0.96372
831	744.37	5.2	0.583191
834	783.4497	2.549	0.063464
836	751.2244	2.549	0.068739
843	781.1633	5.5	0.676433
844	417.4965	3.821	0.568806
848	420.8232	5.1	1.559699
849	365.5764	3.185	0.435136
853	566.7109	3.026	0.171224
856	629.1396	2.867	0.123952
857	204.2885	4.457	3.318199
858	212.439	2.231	0.523605
861	725.7873	4.139	0.261823
862	201.856	5.8	9.912898
863	200.4993	4.4	3.270973
864	204.7818	4.5	3.420503
865	203.9942	3.185	1.202295
867	192.1581	3.503	1.712724
868	484.3905	3.185	0.260292
870	614.1279	3.026	0.1473
879	685.2896	3.503	0.175482
880	678.5778	3.821	0.230564
881	241.6885	4.5	2.582915
883	746.2831	6.6	1.778709

No.	DIST	MAGNITUDE	ACCEL.
884	787.5452	3.344	0.118694
885	671.1564	3.344	0.160725
886	750.7585	3.185	0.114468
887	762.3683	2.549	0.066843
888	759.0948	2.708	0.076533
892	734.5588	3.185	0.119306
893	763.2963	5	0.473821
894	12.73164	3.662	37.70115
897	784.1797	3.662	0.154331
899	207.7028	2.708	0.796492
905	793.0356	3.821	0.171559
907	720.1495	4.139	0.265721
909	560.2036	3.026	0.174957
912	620.535	3.821	0.272865
913	722.9938	4.457	0.340147
915	615.5895	3.662	0.243912
918	529.4593	4.298	0.537701
920	498.0434	3.185	0.24725
922	534.1033	2.867	0.168386
923	541.0588	2.549	0.127456
924	541.3176	3.026	0.18651
925	549.7475	3.821	0.3423
926	548.5757	3.503	0.266471
927	543.4494	3.185	0.210264
928	548.5101	4.4	0.546257
929	538.9211	2.549	0.128399
930	527.1567	3.185	0.222518
931	548.2736	3.026	0.182125
932	538.0622	2.231	0.099854
934	523.0453	3.662	0.330682
941	750.5904	3.503	0.14769
942	676.107	3.503	0.180011
944	774.6462	3.185	0.107853
945	763.9434	1.595	0.031038
949	672.1018	4.298	0.34386
952	418.3195	3.026	0.300048
954	793.4341	3.344	0.117023
955	686.1528	3.185	0.135742
957	754.6071	3.185	0.113361
958	651.1931	3.503	0.193222
959	636.7677	3.344	0.177473
960	692.9705	3.344	0.1513
962	493.8325	3.344	0.285235
963	660.7847	3.026	0.128339
964	660.7323	3.026	0.128358
965	660.2335	4.7	0.490512
966	648.2769	6	1.436399
967	682.1736	3.344	0.155858
968	578.544	5.6	1.291475
969	553.5029	2.867	0.157558
970	573.6047	3.98	0.359091
974	584.8811	3.821	0.304891
978	461.6187	3.98	0.537322
982	605.9176	2.867	0.133024
983	668.417	3.185	0.142624
985	699.5602	3.821	0.217667
992	697.3731	2.708	0.089881
993	717.3733	3.98	0.235701
994	716.9777	4.775	0.445684
995	730.9389	4.616	0.378365
997	752.0867	3.662	0.16709
998	737.1273	3.662	0.173585
999	753.9344	3.344	0.128957
1000	741.3968	3.662	0.171694
1002	739.7696	3.821	0.195797
1003	690.9063	3.821	0.222852
1004	725.4047	3.503	0.15757
1005	724.633	3.503	0.157888
1006	694.9497	3.98	0.250303
1007	735.2702	5.1	0.551066
1008	739.5824	3.503	0.151891
1009	747.9593	3.821	0.191748
1010	706.2194	3.662	0.188263
1011	726.1008	3.503	0.157283
1012	745.4234	3.344	0.131766
1013	733.5528	3.662	0.175193
1014	735.4153	3.344	0.13519
1015	737.576	3.821	0.196904
1016	749.1346	3.821	0.191178
1017	744.262	3.503	0.150083
1018	750.6141	3.662	0.167713
1019	739.4845	4.298	0.28698
1020	752.8841	4.139	0.244233
1021	764.7023	3.662	0.161892
1022	720.3157	4.457	0.342547
1023	768.1994	3.503	0.141325
1024	747.3795	4.5	0.330583
1025	750.9334	3.821	0.190309
1026	746.2132	3.344	0.131502
1027	707.2496	1.913	0.046334
1028	724.0693	3.503	0.158121
1029	626.7836	3.503	0.207628
1030	757.0699	3.503	0.145299
1031	730.0037	3.662	0.176812
1032	725.965	3.503	0.157339
1033	756.5529	5.3	0.612586
1034	771.8862	2.549	0.065285
1035	752.2621	4.5	0.32652
1036	753.6996	5	0.485348
1037	749.8752	4.457	0.317389
1038	742.231	3.98	0.220959
1039	740.9202	2.708	0.080136
1040	737.0438	3.662	0.173623
1041	730.2076	3.662	0.176718
1042	732.1308	3.662	0.175839
1043	736.627	3.503	0.153049
1044	749.0951	3.662	0.16836
1045	747.8745	3.026	0.101535
1046	741.8383	3.821	0.194763
1047	760.8641	5	0.476703
1048	748.0794	4.139	0.24722
1049	760.1434	3.344	0.126963
1050	758.0177	4.139	0.241101
1051	736.8738	3.344	0.134683
1052	769.1408	3.821	0.181841
1053	762.4299	2.867	0.086193
1054	765.4117	3.344	0.125307
1055	764.8659	3.503	0.142498
1056	748.5953	3.821	0.191439
1057	748.7258	3.821	0.191376
1058	743.247	3.026	0.102738
1060	744.6338	2.549	0.069898
1061	753.0135	5.1	0.526682
1062	725.3856	3.344	0.138756
1063	752.4342	3.98	0.215306
1064	768.205	3.821	0.182262
1065	769.7525	2.867	0.084641
1066	767.9557	4.8	0.39912
1067	785.5582	3.503	0.135444
1068	750.1221	3.503	0.147865
1069	757.4205	3.98	0.212621
1070	752.524	4.5	0.326305
1071	742.1955	3.503	0.150877
1072	743.3587	4.3	0.284603
1073	741.9951	3.026	0.103067
1074	749.5097	4.3	0.280186
1075	732.4155	3.662	0.175709
1076	748.8383	4.298	0.280214
1077	741.4583	3.503	0.151162
1078	750.4377	4.298	0.279081
1079	734.0722	2.867	0.092624
1082	734.5119	4.3	0.291142
1084	735.9076	3.344	0.135018
1085	741.6554	3.503	0.151086
1088	745.406	4.4	0.306702
1089	742.78	3.821	0.194294
1101	589.5076	3.821	0.300426
1103	461.428	2.708	0.194369
1108	317.6027	4.7	1.880761
1116	416.9427	2.708	0.234056
1118	725.8834	3.026	0.107449
1121	751.8643	2.708	0.077937
1126	681.1763	3.185	0.137622
1139	748.6342	3.026	0.101339
1146	798.3001	3.344	0.115668
1147	798.252	3.185	0.101864
1148	735.2173	2.072	0.048891
1152	763.1451	3.026	0.09771
1159	307.6769	4.4	1.565139
1163	280.8287	2.39	0.36814
1169	561.7736	4.5	0.565955
1176	383.6165	3.662	0.584186
1177	680.5343	4.7	0.463261
1200	715.4593	2.867	0.097244
1207	299.9004	4.3	1.511672
1213	738.6389	3.662	0.172912
1214	742.4977	4.6	0.362598
1224	564.8644	4.139	0.41967
1231	490.7587	4.1	0.528299
1235	788.1208	2.867	0.080928
1236	693.575	3.503	0.17154
1240	646.2099	2.867	0.117861
1245	487.8428	2.549	0.154451
1248	223.4871	2.708	0.703923
1251	795.9652	3.503	0.132093
1252	565.5288	4.139	0.418749
1253	570.5188	3.185	0.192031
1254	723.2126	3.662	0.179972
1256	762.1098	2.867	0.086262
1257	667.335	3.503	0.184503
1258	661.1986	2.708	0.099394
1259	555.2087	4.6	0.626691
1262	787.263	3.821	0.173961
1263	741.3081	3.026	0.103248
1264	687.8102	3.821	0.224752
1266	738.1964	3.821	0.19659
1267	290.7877	2.867	0.507209
1268	290.1653	5.1	3.038413
1269	298.9702	5.6	4.300356
1270	224.941	2.231	0.475356
1273	614.5086	2.867	0.129555
1274	643.2091	4.298	0.373559
1275	793.8852	3.185	0.102934
1276	789.3821	3.185	0.104055
1280	374.7542	3.026	0.366393
1281	684.261	3.821	0.22696
1297	564.2054	3.503	0.252863
1299	699.6216	1.436	0.032291
1301	307.7103	2.708	0.404211
1302	789.758	4.457	0.287611
1308	771.1235	3.185	0.108792
1310	622.6246	3.185	0.163018
1311	672.5365	3.503	0.18182
1316	703.0921	3.026	0.114141
1317	703.4925	3.662	0.189646
1321	540.0097	2.708	0.145269
1323	722.4538	2.867	0.095468
1324	681.6492	2.549	0.082632
1325	519.7781	3.026	0.201139
1326	743.826	2.867	0.090333
1327	359.0717	4.9	1.772231
1328	495.8749	1.913	0.090096
1329	624.6857	3.344	0.183984
1330	302.209	3.026	0.538202
1331	540.6842	3.344	0.241064
1332	475.0424	4.5	0.772613
1336	684.1877	3.662	0.199892
1341	718.9883	3.503	0.160245
1342	242.0151	2.708	0.614467
1343	410.7775	4.298	0.858107
1348	216.7592	4.139	2.329013
1349	208.7521	3.98	2.184983
1352	785.304	4.8	0.382517
1353	782.3794	3.344	0.12019
1356	528.4905	3.344	0.251516
1358	737.6891	4.298	0.288306
1360	783.1912	3.185	0.105626
1361	779.0686	3.185	0.106691
1363	459.7713	3.344	0.325439
1364	502.0107	2.231	0.11358
1365	304.2746	2.708	0.412319
1366	642.5703	4.3	0.374858
1367	534.3861	2.549	0.130435
1368	600.9495	2.708	0.118959
1369	777.308	4.3	0.261451
1376	673.0146	3.503	0.181576
1379	385.953	2.708	0.269352
1380	652.8602	3.344	0.169325
1382	655.7713	3.344	0.167911
1383	696.0939	3.344	0.150019
1385	659.2363	3.026	0.128908
1386	617.9238	2.39	0.08754
1388	588.9628	4.298	0.440774
1389	787.4293	3.662	0.153121
1390	665.2818	7.3	3.870281
1391	704.05	6.206	1.449336
1392	667.6086	5.252	0.747022
1393	679.053	3.98	0.261493
1394	710.2647	4.139	0.272769
1395	717.1083	3.821	0.207694
1396	640.6368	3.344	0.175461
1397	730.9744	4.139	0.258312
1398	757.7276	3.026	0.099042
1399	657.611	2.867	0.114041
1400	781.6429	2.072	0.043522
1401	694.3898	4.9	0.523322
1402	724.421	3.821	0.203739
1403	707.3203	2.708	0.087504
1404	581.9389	3.344	0.210144
1405	729.1856	3.821	0.201223
1406	749.2347	3.026	0.101185
1407	713.9461	2.708	0.085973
1408	697.7349	3.662	0.192618
1409	729.975	3.344	0.137107
1410	678.9624	3.503	0.178584
1411	734.2001	3.185	0.119416
1412	704.5413	4.8	0.470004
1413	721.0925	3.821	0.205525
1414	725.1736	3.821	0.203338
1415	711.4456	3.98	0.239434
1416	658.5229	3.026	0.129172
1417	697.0731	3.98	0.248863
1418	732.6692	3.503	0.154621
1419	666.2494	5.1	0.664039
1421	694.4634	3.821	0.220698
1423	668.5905	6	1.355223
1425	680.8464	3.344	0.156433
1426	729.327	3.821	0.201149
1427	724.366	4.9	0.483081
1428	734.1211	3.344	0.135642
1429	710.9364	3.98	0.239759
1430	729.1499	3.026	0.106538
1432	784.2704	3.185	0.105349
1433	759.9329	2.549	0.06725
1436	651.8181	2.867	0.115958
1438	502.1697	4.298	0.593193
1439	310.3347	3.026	0.513525
1440	675.0572	3.185	0.139987
1442	660.6782	4.298	0.355164
1447	465.5494	2.708	0.191213
1448	472.5307	3.344	0.309437
1449	405.1627	2.231	0.168376
1451	717.2642	3.344	0.141748
1453	622.8719	3.503	0.210085
1456	635.1581	4.5	0.449611
1457	745.1687	5.6	0.801496
1460	730.4585	3.98	0.227763
1462	602.3872	5.5	1.105325
1467	543.7597	3.662	0.30763
1468	388.2244	2.867	0.302652
1469	392.8073	3.344	0.433934
1470	393.1719	4.3	0.930766
1473	573.6428	4.457	0.525868
1474	799.4167	2.072	0.041698
1475	559.1596	3.821	0.33163
1476	712.4789	2.708	0.086309
1477	377.2088	2.549	0.247226
1478	390.2446	5.7	2.891612
1479	296.8193	3.344	0.716504
1480	375.3016	2.867	0.32178
1481	380.5087	5.6	2.794328
1482	382.4348	3.026	0.35319
1485	704.2743	4.6	0.400798
1486	708.9132	3.503	0.164586
1487	786.2269	3.662	0.153567
1491	784.5521	3.026	0.092703

อำเภอเมือง จังหวัดแม่ฮองสอน

No.	DIST	MAGNITUDE	ACCEL.
1	794.8162	2.708	0.070123
6	627.0598	4.616	0.505384
7	701.6418	4.298	0.317013
8	564.5921	3.98	0.369876
9	544.591	4.934	0.848655
13	583.169	5.729	1.4107
14	469.0844	6.206	3.095948
15	415.9739	4.457	0.95242
17	608.1551	5.093	0.784006
22	741.982	4.139	0.251091
24	590.681	5.252	0.940373
27	680.7162	4.139	0.295594
28	674.3465	6.683	2.302938
29	596.5952	6.365	2.248479
30	594.8722	4.934	0.719553
31	570.8788	4.775	0.684357
33	685.6503	3.503	0.175307
39	631.5082	3.662	0.232485
43	388.4834	4.775	1.390993
44	736.6431	4.616	0.372827
45	598.9951	4.616	0.550751
48	705.0911	4.298	0.314085
49	342.5644	4.775	1.744954
50	346.2221	3.344	0.544927
51	655.4354	4.457	0.409444
52	773.712	5.252	0.564909
55	513.9813	4.457	0.645235
56	484.4483	3.185	0.260235
59	762.0615	3.185	0.111264
61	208.7196	4.775	4.128316
64	709.7737	4.457	0.352248
65	394.9449	4.616	1.188727
67	590.8587	4.616	0.565049
68	487.9509	4.616	0.806796
69	479.3898	4.139	0.569163
71	708.9844	4.298	0.310828
80	611.3687	3.662	0.247083
81	601.7926	2.549	0.104475
82	592.1799	3.344	0.203391
83	760.376	2.708	0.076288
89	560.9236	3.821	0.329686
90	576.1666	4.457	0.521569
91	511.8665	3.821	0.390905
92	533.4249	4.139	0.46695
93	671.417	2.708	0.09656
94	466.4162	3.662	0.408773
95	677.6938	4.139	0.298089
96	652.9929	3.98	0.28153
98	638.1228	4.298	0.379184
99	567.6826	4.298	0.472185
100	675.1244	3.185	0.139961
102	306.3642	4.457	1.650602
103	655.4532	4.775	0.528028
104	457.3504	4.934	1.172493
108	622.1859	4.139	0.350158
109	620.3836	3.662	0.240383
111	605.9455	4.139	0.367987
113	622.9915	4.934	0.659811
114	435.6418	4.775	1.128841
126	608.5769	3.503	0.219448
129	714.1316	3.662	0.184333
132	546.0028	3.185	0.208435
133	577.3194	3.503	0.242234
141	582.6888	3.185	0.184599
143	685.1398	4.934	0.551559
144	557.712	3.662	0.293436
147	491.0486	4.298	0.618298
151	708.5895	4.139	0.273991
153	750.8983	3.503	0.147575
154	482.2282	3.503	0.338481
159	671.417	3.503	0.182392
167	510.2917	3.662	0.346187
168	679.6702	2.708	0.094358
169	361.1288	3.821	0.739898
171	781.2581	4.775	0.378646
178	729.8347	4.298	0.294219
179	436.2839	3.98	0.596005
180	630.7875	3.98	0.300477
186	216.1323	3.98	2.060882
187	487.9509	3.821	0.427122
188	664.6248	3.821	0.239786
189	546.0028	5.57	1.404769
190	615.1157	3.344	0.189399
192	729.9146	3.503	0.155729
193	712.9546	5.411	0.749246
194	720.8941	4.298	0.301174
195	714.6867	3.821	0.209029
196	712.9546	3.98	0.238476
197	719.1154	3.821	0.206597
198	712.9546	2.867	0.097892
199	720.1495	3.821	0.206035
200	675.1244	3.662	0.204991
201	704.876	3.503	0.166375
202	721.7512	3.662	0.180664
203	720.1495	3.344	0.140674
204	720.2628	3.344	0.140632
205	697.2561	3.98	0.24874
206	728.0746	3.185	0.121329
207	707.7165	4.298	0.311883
209	714.6867	4.298	0.306149
210	512.3903	4.616	0.736985
211	525.7393	5.888	1.94382
212	503.712	3.662	0.354617
215	712.8074	2.867	0.097931
216	743.1224	4.298	0.28432
217	752.1865	3.821	0.189708
220	662.0929	3.98	0.274279
221	705.6368	3.662	0.188557
222	724.6542	2.708	0.083582
223	734.8358	3.503	0.153757
226	499.1061	4.298	0.599954
241	589.019	3.185	0.180902
250	717.9109	3.98	0.235367
251	183.6	3.344	1.625807
258	516.6477	4.934	0.935997
259	646.3536	3.503	0.195956
262	629.337	3.344	0.181436
264	672.5314	3.98	0.266302
267	643.0355	4.457	0.424445
269	799.9097	3.821	0.168762
270	796.2706	4.457	0.283149
271	463.5817	3.662	0.413387
272	481.1252	3.98	0.497849
273	472.1379	3.344	0.309912
274	495.3198	4.457	0.691006
275	461.2409	3.821	0.473856
276	681.634	3.503	0.177264
277	486.8117	4.139	0.553239
279	502.9056	3.98	0.458705
280	626.9816	3.344	0.182719
282	691.038	4.139	0.287306
285	651.7413	4.2	0.336923
288	549.1128	2.867	0.159915
289	523.7477	3.026	0.198316
290	442.4205	3.662	0.450449
291	419.9645	4.457	0.935965
292	433.434	3.821	0.531154
293	132.6247	3.662	3.517963
294	675.1762	2.708	0.095547
295	650.3439	3.344	0.170562
296	697.6407	5	0.561922
300	464.897	3.344	0.318865
303	312.5252	3.503	0.742805
304	646.9804	3.662	0.222131
306	795.9959	3.98	0.193452
307	656.3602	3.98	0.278814
309	448.4654	3.98	0.566649
311	671.5698	2.867	0.10961
315	423.1202	3.185	0.33372
316	237.4551	3.185	0.92979
323	665.9223	2.708	0.098069
324	728.2756	5.252	0.633703
325	605.1519	3.185	0.171968
328	577.6587	3.98	0.354393
330	606.0715	2.867	0.132961
338	574.7396	4.616	0.59507
340	528.6542	6.4	2.097072
341	529.2	4.139	0.473908
342	733.4504	3.026	0.105357
343	773.7294	2.867	0.083816
344	540.7997	3.503	0.273654
347	559.0062	3.185	0.199484
348	604.5106	3.662	0.25237
349	653.7962	2.549	0.0894
352	572.135	3.503	0.246354
353	668.8026	3.662	0.208664
358	539.0152	3.344	0.242456
359	472.3491	3.503	0.35166
360	470.0929	3.821	0.457552
361	516.8903	3.98	0.435956
362	628.1934	3.821	0.266646
365	691.7575	3.662	0.195778
366	660.4525	3.185	0.145886
369	539.0152	2.231	0.099526
372	587.0165	3.503	0.234799
373	541.2341	3.185	0.211869
374	639.6099	3.344	0.175992
375	92.20569	3.344	4.650636
376	668.3952	3.344	0.16198
377	334.2508	3.662	0.748465
378	629.4186	3.821	0.265671
379	681.5835	3.503	0.177289
380	572.2166	3.185	0.190968
381	531.5367	4.139	0.470041
382	175.8113	4.775	5.483334
383	499.4799	3.026	0.21656
384	713.7452	3.662	0.184522
387	511.8163	2.867	0.182262
391	339.2111	3.026	0.438294
392	775.519	3.185	0.107622
394	651.1979	4.457	0.41448
398	495.2598	3.662	0.365905
400	432.6327	5.411	1.901579
401	413.3734	2.867	0.270006
402	425.7625	3.662	0.483246
403	775.4641	3.821	0.179032
406	496.2703	3.662	0.364527
407	208.3057	3.185	1.160906
408	522.5325	3.503	0.291716
409	95.91957	3.503	4.996788
410	205.5096	4.298	2.892873
412	558.2472	3.821	0.332643
413	460.4627	3.662	0.418556
414	465.6003	3.98	0.528892
416	743.3421	4.298	0.28416
421	419.9645	3.185	0.338315
422	618.8636	4.298	0.401675
424	200.4499	3.821	2.059161
425	688.2049	3.821	0.224508
427	737.8036	2.39	0.062635
429	475.5067	5.2	1.350157
430	232.8421	2.867	0.745527
431	472.617	4.139	0.584303
432	205.7478	3.026	1.043636
433	329.2083	3.344	0.596307
438	673.532	3.344	0.159656
439	507.2322	3.9	0.42349
440	391.7721	5.5	2.446665
449	342.5235	3.662	0.716442
450	569.7663	3.821	0.320194
451	581.5226	6.9	3.618926
452	573.2318	7	4.027057
453	559.1783	3.821	0.33161
454	551.5417	3.185	0.20455
455	565.9705	2.39	0.103194
456	577.9544	4.298	0.456618
457	562.5432	2.39	0.104372
458	597.5046	2.39	0.093238
459	563.0375	4.139	0.422217
460	576.8636	3.662	0.275498
461	551.9054	6.2	2.279209
462	793.8184	3.026	0.090654
463	558.1103	5.5	1.275032
464	541.6154	3.662	0.309903
465	535.0493	3.185	0.216451
466	612.341	5.9	1.476076
467	588.1044	3.026	0.159759
468	575.486	3.503	0.243679
469	595.4954	2.549	0.106556
471	674.3984	2.072	0.05757
472	523.2118	2.39	0.119458
473	536.4111	5.4	1.267289
474	578.4648	3.185	0.187129
475	599.863	6.3	2.112799
476	611.3868	4.9	0.665188
480	603.0773	3.026	0.152406
481	549.9364	2.867	0.159469
482	594.4711	2.549	0.1069
484	469.8844	4.5	0.788324
485	608.9179	3.344	0.193034
487	475.9664	2.072	0.110365
488	695.1124	3.98	0.250192
489	569.4397	3.98	0.364016
490	294.6837	3.662	0.935897
492	627.3768	3.662	0.235372
493	650.1313	3.503	0.193817
494	584.5844	3.185	0.18348
499	554.8268	3.98	0.382121
501	530.3515	3.344	0.249878
502	463.6773	3.662	0.41323
503	463.6623	4.6	0.875211
504	775.9182	3.503	0.138663
509	603.7432	5.7	1.291652
513	444.0166	3.185	0.305527
518	677.4502	4.298	0.338753
521	469.7019	3.026	0.242603
522	546.4298	3.503	0.268425
523	768.0083	5.9	0.962113
525	667.0607	4.139	0.307122
528	540.3995	4.139	0.455795
536	611.0815	3.821	0.280846
538	649.5713	3.662	0.220465
540	764.4607	2.867	0.085758
541	601.1216	3.98	0.328928
542	540.9711	4.139	0.454899
543	526.0498	3.026	0.196707
544	774.421	3.344	0.12255
546	675.0864	2.867	0.108535
547	696.0229	3.662	0.193515
548	710.1277	4	0.244152
549	704.2147	3.344	0.146763
554	595.1427	3.185	0.17743
555	370.2825	2.867	0.329701
557	436.4055	2.867	0.24453
558	471.0546	4.7	0.920875
561	115.565	4.6	9.174189
562	590.8587	2.867	0.139451
564	534.0499	3.185	0.217206
565	561.4515	2.867	0.153421
566	535.4938	3.503	0.278724
568	309.1518	5.2	2.943233
571	300.1429	3.821	1.029003
572	520.9061	5.3	1.235425
573	519.884	3.344	0.259308
574	518.0962	2.549	0.13816
575	597.6861	3.185	0.176018
576	502.3858	2.867	0.188655
577	421.2069	3.185	0.336495
578	369.551	5.8	3.456992
580	604.9244	2.708	0.117497
582	717.6151	3.503	0.160827
583	641.0626	4.8	0.561701
584	533.5266	5.1	1.006937
585	491.1863	3.344	0.288084
586	453.7568	3.026	0.258525
587	547.79	2.708	0.141449
588	366.1264	4.95	1.781032
589	513.9915	3.026	0.205363
590	306.8873	3.344	0.675516
591	594.0481	2.867	0.138052
592	463.8974	3.026	0.248224
593	713.9854	4	0.24166
594	712.9841	3.344	0.143364
595	491.6005	4.7	0.851068
597	444.0166	3.662	0.447483
598	471.3851	4.7	0.919685

No.	DIST	MAGNITUDE	ACCEL.
599	414.4161	2.549	0.208398
600	318.6897	4.45	1.530519
604	457.3593	4.7	0.972288
605	682.9879	3.503	0.176601
606	764.4722	3.344	0.1256
607	539.9104	6.2	2.374471
608	536.9816	2.867	0.16671
610	464.4917	3.344	0.319378
611	631.4076	4.4	0.419693
612	531.5378	3.185	0.219119
613	691.0186	3.185	0.133941
614	666.731	4.6	0.444512
615	762.2949	3.185	0.111199
616	760.5692	2.867	0.086594
617	463.9188	2.708	0.192452
618	464.9271	3.662	0.411187
619	501.7818	3.344	0.276926
620	712.9088	2.708	0.08621
621	676.3775	2.867	0.108144
622	785.4541	4	0.201625
625	338.0417	2.549	0.301108
626	666.731	4.6	0.444512
627	471.1487	3.026	0.241231
630	346.0873	2.231	0.223844
634	626.6653	3.9	0.285346
639	621.6983	3.185	0.163475
641	563.3926	2.867	0.152435
642	365.5764	4.9	1.715841
643	435.0524	3.026	0.279283
647	485.2662	3.026	0.228438
648	565.5953	3.662	0.285846
650	528.3894	3.185	0.221553
651	438.0662	3.503	0.403905
653	647.3418	3.026	0.133408
654	663.1763	1.913	0.052324
658	661.7149	3.026	0.127999
659	529.2397	3.344	0.250855
660	133.1207	2.549	1.435831
665	376.2572	3.026	0.363751
667	574.2767	3.026	0.167032
674	584.0354	4.1	0.382169
675	611.5557	3.662	0.246942
676	505.6995	4.139	0.515605
679	417.7032	2.708	0.233279
681	422.7493	2.549	0.20096
684	513.2307	2.39	0.123807
685	325.3454	2.708	0.366131
686	418.3101	3.185	0.340762
687	627.6668	5.4	0.944541
691	781.7566	5.35	0.599076
692	790.3066	3.8	0.169778
693	488.0035	3.503	0.331117
694	580.8242	3.185	0.185709
695	537.3421	3.344	0.243863
697	699.8217	4.139	0.280524
700	511.7195	4.85	0.890869
701	498.4139	2.072	0.101354
702	436.5899	3.344	0.357868
703	510.4643	3.662	0.34597
704	670.9582	3.185	0.141606
706	514.7296	3.662	0.34067
707	351.4317	2.867	0.362221
708	480.7941	4.1	0.548709
713	777.1416	2.708	0.07319
715	578.7077	5.1	0.865244
718	241.7102	1.913	0.326007
720	513.7816	4.6	0.72396
721	307.2386	3.185	0.593628
724	629.0015	3.503	0.206253
727	306.4023	3.821	0.992151
728	675.2799	2.867	0.108476
729	659.5653	4.1	0.304101
730	674.5748	5	0.598785
732	542.631	3.98	0.398286
733	556.1623	3.503	0.259732
734	705.4384	2.867	0.099876
737	669.8168	2.867	0.110152
738	464.3209	4.1	0.58514
739	540.108	2.867	0.164918
740	697.3564	3.503	0.169785
741	535.2792	3.344	0.245615
743	520.2518	3.344	0.258968
744	619.296	3.185	0.164668
745	489.7166	2.549	0.153361
747	672.6111	3.503	0.181781
748	545.5721	3.503	0.269212
749	580.8272	5.1	0.859346
750	611.0033	2.708	0.115313
751	613.555	2.867	0.129934
753	245.3764	4.8	3.19921
754	541.5444	5.2	1.060932
756	611.2609	3.344	0.191647
762	635.7963	3.503	0.202127
763	630.3954	3.821	0.264897
765	631.0195	5.1	0.735596
769	190.0923	3.185	1.351968
781	684.8052	3.026	0.119974
782	436.9945	2.867	0.243927
784	430.7562	4.616	1.014749
788	453.8892	3.503	0.378439
791	576.3245	4.5	0.539547
795	537.4376	4.6	0.665858
796	509.7062	3.662	0.346925
800	663.0224	3.344	0.164465
803	671.8199	3.344	0.160425
804	523.3466	3.026	0.198599
805	517.1215	2.39	0.122084
807	599.8824	2.867	0.135546
809	797.5345	5.2	0.511502
811	737.3268	3.662	0.173496
816	469.5318	4.4	0.728722
819	591.9238	3.503	0.231167
820	465.5514	3.503	0.36118
823	797.8101	2.867	0.079067
825	476.8393	2.867	0.207766
827	530.0105	3.026	0.193982
829	678.1893	5.3	0.753562
831	454.7262	4.298	0.71242
832	662.1624	4.298	0.353664
834	463.0921	2.39	0.149715
835	658.6495	3.503	0.189119
837	643.6229	3.185	0.153157
839	674.9041	3.662	0.205117
846	568.0564	3.344	0.219849
848	479.127	2.39	0.140609
849	546.783	2.867	0.161187
853	394.2414	3.503	0.489545
856	535.3805	3.503	0.278833
857	482.5316	4.457	0.725243
858	490.8906	2.231	0.118388
861	493.9958	4.139	0.538453
862	480.6582	5.8	2.138991
863	479.3509	4.4	0.701428
864	482.6102	4.5	0.750399
865	483.0402	3.185	0.261638
867	469.3777	3.503	0.355775
868	214.1697	3.185	1.107956
870	762.9327	3.026	0.097762
877	680.7094	3.662	0.201826
878	678.3406	3.026	0.122143
879	486.5097	3.503	0.332998
880	476.0399	3.821	0.447067
881	222.9932	4.5	2.963188
883	628.6389	6.6	2.459686
884	679.138	3.344	0.157177
885	547.4748	3.344	0.235523
886	635.0556	3.185	0.157069
887	656.0589	2.549	0.08882
888	646.9804	2.708	0.103551
889	605.5266	3.503	0.221527
893	646.4363	5	0.648882
894	275.1949	3.662	1.05521
897	541.1673	3.662	0.310381
898	647.0832	4.139	0.325241
899	485.94	2.708	0.176673
900	719.6147	4.934	0.50263
901	774.9931	3.026	0.09489
902	642.0007	2.231	0.071738
905	536.112	3.821	0.358695
907	556.0993	4.139	0.432102
909	712.4898	3.026	0.111308
912	386.83	3.821	0.653476
913	488.4832	4.457	0.709
914	713.4193	3.344	0.143199
915	771.7591	3.662	0.15909
918	371.9282	4.298	1.027598
920	711.6888	3.185	0.126676
921	630.2247	3.344	0.180955
922	750.4328	2.867	0.088829
923	756.9949	2.549	0.067747
924	757.4454	3.026	0.099112
925	764.85	3.821	0.183785
926	763.0705	3.503	0.143136
927	758.3742	3.185	0.112294
928	763.031	4.4	0.293386
929	755.4261	2.549	0.068015
930	742.9787	3.185	0.116754
931	763.8664	3.026	0.097535

อำเภอเมือง จังหวัดพะเยา

No.	DIST	MAGNITUDE	ACCEL.
6	757.96	4.616	0.353174
8	678.0508	3.98	0.262223
9	708.1902	4.934	0.518097
13	764.1212	5.729	0.847234
14	653.3813	6.206	1.668895
15	613.9912	4.457	0.462983
17	762.0424	5.093	0.512015
24	759.0979	5.252	0.58576
28	792.7406	6.683	1.694652
29	744.1067	6.365	1.482058
30	685.1525	4.934	0.551539
31	661.401	4.775	0.519111
39	732.6859	3.662	0.175587
43	591.6035	4.775	0.640183
45	743.197	4.616	0.366614
48	591.4654	4.298	0.437287
49	542.848	4.775	0.751765
50	545.3562	3.344	0.237231
51	770.8537	4.457	0.301178
55	403.3247	4.457	1.007545
56	677.0868	3.185	0.139196
61	176.4867	4.775	5.449173
65	579.9147	4.616	0.585176
67	750.8478	4.616	0.359555
68	667.5274	4.616	0.449225
69	657.9354	4.139	0.315205
80	705.8971	3.662	0.188425
81	789.3345	2.549	0.062567
82	713.8661	3.344	0.143029
89	437.2386	3.821	0.522719
90	451.9823	4.457	0.818106
91	572.2207	3.821	0.317631
92	591.9385	4.139	0.38448
94	571.6292	3.662	0.280234
96	788.1662	3.98	0.197127
98	772.8938	4.298	0.263875
99	729.4311	4.298	0.294528
102	503.8915	4.457	0.669397
103	628.6528	4.775	0.571205
104	644.6831	4.934	0.618666
108	778.9967	4.139	0.228907
109	766.4835	3.662	0.161178
111	774.0399	4.139	0.231703
113	696.4987	4.934	0.534677
114	637.972	4.775	0.555609
126	745.3534	3.503	0.149667
132	703.2981	3.185	0.129552
133	751.2827	3.503	0.147432
141	747.1259	3.185	0.115527
144	706.6238	3.662	0.188059
147	657.2259	4.298	0.35869
154	630.5609	3.503	0.205295
167	588.381	3.662	0.265492
169	558.9394	3.821	0.331874
179	301.9445	3.98	1.1563
180	752.5392	3.98	0.215249
186	172.8135	3.98	2.985268
187	667.5274	3.821	0.237822
188	784.3537	3.821	0.175191
189	703.2981	5.57	0.873129
190	770.4905	3.344	0.123742
193	600.9926	5.411	1.033846
194	610.5621	4.298	0.411992
195	610.6958	3.821	0.281179
196	600.9926	3.98	0.32906
197	607.2808	3.821	0.284154
198	600.9926	2.867	0.135077
199	602.0203	3.821	0.28883
200	567.0607	3.662	0.284468
201	587.2698	3.503	0.23461
202	615.3574	3.662	0.244085
203	602.0203	3.344	0.197204
204	598.2888	3.344	0.199516
205	577.9201	3.98	0.354093
206	604.0126	3.185	0.172576
207	606.1908	4.298	0.417585
209	610.6958	4.298	0.411823
210	434.3749	4:616	0.999326
211	438.5239	5.888	2.716949
212	423.8556	3.662	0.487227
215	589.114	2.867	0.140226
216	626.1244	4.298	0.392967
221	596.023	3.662	0.25915
226	682.0985	4.298	0.334405
241	685.6639	3.185	0.135925
250	792.7406	3.98	0.194967
251	387.0757	3.344	0.445659
258	427.8545	4.934	1.324993
259	782.0274	3.503	0.13661
262	781.8491	3.344	0.120345
267	733.7787	4.457	0.330731
271	568.5767	3.662	0.283052
272	582.2642	3.98	0.349166
273	571.0841	3.344	0.217676
274	418.5637	4.457	0.941692
275	595.7921	3.821	0.294516
276	799.3182	3.503	0.131039
277	628.7233	4.139	0.343345
279	694.466	3.98	0.250633
280	715.8991	3.344	0.142261
282	565.3313	4.139	0.419023
285	529.7331	4.2	0.496678
288	699.7067	2.867	0.10143
289	681.7059	3.026	0.121006
290	629.5214	3.662	0.233867
291	594.477	4.457	0.4919
292	621.338	3.821	0.272203
293	236.9536	3.662	1.366731
294	787.9738	2.708	0.071287
295	791.3799	3.344	0.117602
296	522.4164	5	0.966607
300	385.2997	3.344	0.449389
303	516.0468	3.503	0.29856
304	761.2836	3.662	0.163277
307	750.1966	3.98	0.216527
309	639.7339	3.98	0.29262
315	320.0246	3.185	0.552212
316	287.5965	3.185	0.666948
323	796.3958	2.708	0.069859
325	630.4925	3.185	0.159214
328	723.9868	3.98	0.231638
330	741.5323	2.867	0.090864
338	732.4614	4.616	0.376875
340	437.913	6.4	4.102778
341	447.4082	4.139	0.646306
344	739.5926	3.503	0.151887
347	731.801	3.185	0.12016
348	786.7924	3.662	0.153357
352	723.6395	3.503	0.158299
358	694.7045	3.344	0.150587
359	608.9026	3.503	0.219228
360	658.7398	3.821	0.243842
361	710.759	3.98	0.239873
362	702.2691	3.821	0.216081
366	785.4578	3.185	0.105046
369	694.7045	2.231	0.061815
372	775.1391	3.503	0.138929
373	701.9377	3.185	0.130028
374	781.5985	3.344	0.120419
375	208.7615	3.344	1.313549
376	784.0183	3.344	0.119712
377	537.4473	3.662	0.314393
378	753.9584	3.821	0.188862
380	743.3327	3.185	0.116648
381	626.6104	4.139	0.345525
382	277.131	4.775	2.539309
383	671.6124	3.026	0.124463
387	695.5401	2.867	0.102582
388	703.0734	3.662	0.18986
391	162.0144	3.026	1.544413
398	657.5746	3.662	0.215435
400	619.4344	5.411	0.97683
401	599.435	2.867	0.135735
402	607.7128	3.662	0.24988
403	645.7072	3.821	0.253199
404	685.3542	3.821	0.226276
406	699.9233	3.662	0.19148
407	188.6139	3.185	1.36951
408	699.374	3.503	0.16886
409	172.8169	3.503	2.038181
410	391.3953	4.298	0.936948
412	723.6903	3.821	0.204129
413	310.0277	3.662	0.855642
414	320.154	3.98	1.04233
421	602.4755	3.185	0.173403
422	774.3721	4.298	0.262918
424	381.6131	3.821	0.669748
429	394.3065	5.2	1.902218
430	427.9881	2.867	0.253406
431	396.9065	4.139	0.804354
432	380.5341	3.026	0.35639
433	534.4147	3.344	0.246355
439	701.1829	3.9	0.230853
440	561.6	5.5	1.260283
449	524.6199	3.662	0.32884
450	581.6399	3.821	0.308079
451	591.0926	6.9	3.510002
452	591.9208	7	3.79238
453	575.7626	3.821	0.313988
454	568.6095	3.185	0.193238
455	587.0533	2.39	0.096372
456	588.2829	4.298	0.441729
457	578.7027	2.39	0.098991
458	614.0301	2.39	0.088586
459	578.0341	4.139	0.401975
460	589.4713	3.662	0.264573
461	573.6539	6.2	2.120517
463	574.7072	5.5	1.207111
464	562.3939	3.662	0.288892
465	556.3583	3.185	0.201259
466	629.0627	5.9	1.403215
467	609.874	3.026	0.149235
468	596.7623	3.503	0.227667
469	617.4824	2.549	0.099548
472	687.172	2.39	0.071661
473	556.8916	5.4	1.181814
474	589.9302	3.185	0.180379
475	618.5299	6.3	1.994717
476	630.5989	4.9	0.62762
480	621.6983	3.026	0.143949
481	670.6478	2.867	0.109895
482	603.6775	2.549	0.103864
484	370.8979	4.5	1.213893
485	745.3487	3.344	0.131792
487	660.554	2.072	0.059868
488	581.2979	3.98	0.350253
489	584.3798	3.98	0.346804
490	238.3083	3.662	1.353458
492	629.199	3.662	0.234092
493	792.2851	3.503	0.133263
494	590.3808	3.185	0.180121
499	713.0176	3.98	0.238436
501	560.1745	3.344	0.225662
502	650.2945	3.662	0.220003
503	560.6438	4.6	0.6154
509	796.2245	5.7	0.765465
513	647.0237	3.185	0.151645
521	642.6036	3.026	0.135267
522	667.606	3.503	0.184362
525	790.0206	4.139	0.222867
528	698.5496	4.139	0.281491
536	752.5926	3.821	0.189513
538	785.8312	3.662	0.153714
541	763.5806	3.98	0.209374
542	697.4802	4.139	0.282308
543	650.5698	3.026	0.132164
554	744.9292	3.185	0.116174
555	521.2116	2.867	0.176211
557	418.2669	2.867	0.264271
558	565.8417	4.7	0.655265
561	90.28826	4.6	13.0792
562	485.5726	2.867	0.200919
564	696.5807	3.185	0.131926
565	724.1849	2.867	0.095036
566	698.6256	3.503	0.169202
568	161.3254	5.2	8.852296
571	150.2132	3.821	3.290471
572	430.4447	5.3	1.756222
573	424.8589	3.344	0.376158
574	680.3906	2.549	0.082921
575	744.7123	3.185	0.116238
576	355.7809	2.867	0.354304
577	607.805	3.185	0.170562
578	517.702	5.8	1.864275
580	742.3176	2.708	0.07985
583	778.9623	4.8	0.388464
584	618.8739	5.1	0.762965
585	665.9126	3.344	0.163121
586	659.1372	3.026	0.128945
587	572.3572	2.708	0.130327
588	511.3158	4.95	0.966481
589	689.5045	3.026	0.118433
590	150.2132	3.344	2.246629
591	769.9908	2.867	0.084591
592	587.6838	3.026	0.159973
595	689.6872	4.7	0.451712
597	275.1309	3.662	1.055638
598	299.6586	4.7	2.084731
599	532.8079	2.549	0.131155
600	155.3136	4.45	5.161921
604	591.9907	4.7	0.602163
607	450.2188	6.2	3.322834
608	441.9536	2.867	0.238933
610	291.496	3.344	0.739701
611	714.468	4.4	0.332371
612	696.4325	3.185	0.131979
617	563.2591	2.708	0.134288
618	564.0713	3.662	0.28729
619	600.5907	3.344	0.198085
625	543.3473	2.549	0.126458
627	645.97	3.026	0.133942
630	550.8678	2.231	0.095573
634	762.1617	3.9	0.197089
639	702.651	3.185	0.129778
641	683.4139	2.867	0.10605
642	560.6781	4.9	0.782238
643	616.8625	3.026	0.146076
647	583.064	3.026	0.162354
648	723.3856	3.662	0.179891
650	712.096	3.185	0.126539
651	576.4671	3.503	0.242904
653	780.657	3.026	0.093585
654	790.2508	1.913	0.037533
658	784.0599	3.026	0.092813
659	725.137	3.344	0.138846
660	74.65292	2.549	3.273641
665	568.9458	3.026	0.169969
667	729.18	3.026	0.10653
674	685.885	4.1	0.282448
675	755.2591	3.662	0.16576
676	698.8827	4:139	0.281237
679	593.3438	2.708	0.121833
681	594.3926	2.549	0.106926
684	692.2396	2.39	0.070673
685	350.9651	2.708	0.319718
686	550.7291	3.185	0.205113
687	780.4784	5.4	0.625469
691	638.8965	5.35	0.877731
692	643.8141	3.8	0.250361
693	655.5342	3.503	0.190817
694	759.5587	3.185	0.111962
695	652.438	3.344	0.169532
700	665.7225	4.85	0.544481
701	303.8046	2.072	0.248571
702	611.8874	3.344	0.191279
703	661.9907	3.662	0.212733
704	789.5398	3.185	0.104015
706	664.4467	3.662	0.211252
707	276.518	2.867	0.553974
708	643.167	4.1	0.318875
715	752.378	5.1	0.527527
718	114.5004	1.913	1.08386
720	709.7975	4.6	0.394915
721	505.8852	3.185	0.240197
724	721.4699	3.503	0.159202
727	388.4458	3.821	0.648556

No.	DIST	MAGNITUDE	ACCEL.
729	785.2499	4.1	0.218526
730	790.7488	5	0.443023
732	703.9455	3.98	0.244286
733	727.5594	3.503	0.156686
738	625.5391	4.1	0.33599
739	711.7987	2.867	0.098194
741	695.4169	3.344	0.150295
743	720.9386	3.344	0.140383
744	668.9621	3.185	0.142405
745	548.087	2.549	0.124428
748	707.4692	3.503	0.165222
749	640.5602	5.1	0.715116
750	663.5077	2.708	0.098743
751	659.888	2.867	0.1133
753	214.3657	4.8	4.026815
754	441.9101	5.2	1.544974
756	763.4592	3.344	0.125917
763	719.1551	3.821	0.206575
765	721.8837	5.1	0.570601
769	395.3523	3.185	0.377649
782	636.0127	2.867	0.121444
784	616.7405	4.616	0.52139
788	631.4242	3.503	0.204767
791	429.7912	4.5	0.928621
795	670.5139	4.6	0.439791
796	684.3912	3.662	0.199779
804	375.7919	3.026	0.364566
805	368.7089	2.39	0.226846
807	777.3029	2.867	0.083084
816	608.4398	4.4	0.449951
819	748.3083	3.503	0.148547
820	289.0145	3.503	0.852756
825	655.0652	2.867	0.114877
827	694.9336	3.026	0.11669
831	358.7486	4.298	1.096649
834	259.8045	2.39	0.421583
839	792.4029	3.662	0.151297
846	742.03	3.344	0.132913
848	578.7027	2.39	0.098991
849	733.6158	2.867	0.092733
853	599.22	3.503	0.22592
856	699.7467	3.503	0.16869
857	464.1551	4.457	0.779077
858	472.6614	2.231	0.126957
861	674.2635	4.139	0.300959
862	465.5514	5.8	2.268735
863	464.7013	4.4	0.742738
864	462.346	4.5	0.812161
865	469.3616	3.185	0.275879
867	448.3262	3.503	0.38711
868	374.553	3.185	0.416495
877	631.1138	3.662	0.232758
878	633.5413	3.026	0.138931
879	382.753	3.503	0.516513
880	377.0453	3.821	0.684499
881	391.8853	4.5	1.098782
883	456.6242	6.6	4.458688
884	502.9253	3.344	0.275761
885	377.5121	3.344	0.46631
886	462.0507	3.185	0.283972
887	478.3864	2.549	0.160138
888	472.2021	2.708	0.186278
889	775.0616	3.503	0.138955
893	474.276	5	1.156041
894	309.2328	3.662	0.859542
897	711.1495	3.662	0.185799
898	772.1038	4.139	0.23281
899	467.1559	2.708	0.190003
901	624.0279	3.026	0.142941
902	798.6992	2.231	0.047436
905	691.4784	3.821	0.222503
907	758.7136	4.139	0.240681
912	336.9617	3.821	0.837809
913	667.1194	4.457	0.396025
918	577.0317	4.298	0.457985
921	777.1321	3.344	0.121739
941	684.6098	3.503	0.175811
942	371.8343	3.503	0.544264
952	719.6162	3.026	0.109229
954	503.52	3.344	0.275158
955	383.1581	3.185	0.399728
962	796.4622	3.344	0.116177
968	320.6501	5.6	3.798876
969	291.564	2.867	0.504837
970	305.4445	3.98	1.132987
974	606.0855	3.821	0.285207
976	787.0387	3.344	0.11884
978	708.1934	3.98	0.24152
985	766.3049	3.821	0.183122
1080	761.4048	2.549	0.067003
1086	761.266	3.821	0.185433
1103	763.2567	2.708	0.075742
1108	590.5339	4.7	0.604948
1109	652.3281	3.185	0.14933
1114	779.5287	3.026	0.093843
1116	719.0609	2.708	0.084818
1118	656.5704	3.026	0.129897
1122	505.1276	2.39	0.127515
1126	654.3252	3.185	0.148472
1132	763.7954	3.185	0.110785
1136	781.8993	2.708	0.072345
1139	762.4878	3.026	0.09787
1152	464.0495	3.026	0.248074
1155	737.7901	3.662	0.17329
1158	511.4347	2.867	0.182515
1159	401.1717	4.4	0.972051
1163	521.2886	2.39	0.120278
1169	262.2515	4.5	2.243424
1175	794.8038	3.026	0.09044
1176	416.427	3.662	0.503216
1181	667.7411	3.503	0.184292
1182	796.0952	5.8	0.829474
1183	785.8084	3.185	0.104957
1184	781.4838	2.867	0.082241
1186	781.3904	3.026	0.093418
1200	416.4549	2.867	0.266373
1207	280.0061	4.3	1.705472
1213	438.6373	3.662	0.457598
1214	442.5844	4.6	0.953334
1216	711.3748	3.185	0.126782
1217	716.9315	4	0.239782
1219	794.1726	3.662	0.150656
1220	582.7315	5.1	0.854098
1221	565.1335	2.708	0.133457
1222	713.1946	5.1	0.583842
1226	715.1251	3.9	0.222407
1230	688.4083	3.026	0.11879
1231	675.6183	4.1	0.29061
1233	797.022	3.662	0.149632
1236	542.1941	3.503	0.272345
1238	731.5797	2.708	0.082088
1239	742.4416	3.185	0.116914
1240	610.1883	2.867	0.131283
1245	790.5966	2.549	0.062377
1248	293.1778	2.708	0.440242
1250	784.3229	3.503	0.13585
1251	708.4455	3.503	0.164791
1252	507.944	4.139	0.511389
1254	592.9657	3.662	0.26166
1256	725.732	2.867	0.094653
1257	622.6759	3.503	0.21021
1260	792.2891	3.98	0.195179
1261	796.0028	3.185	0.102413
1262	702.4187	3.821	0.215994
1263	438.4774	3.026	0.275299
1264	646.3738	3.821	0.252707
1267	584.6836	2.867	0.142222
1268	581.1518	5.1	0.858448
1269	587.7688	5.6	1.253799
1270	522.7747	2.231	0.105353
1271	728.3496	3.026	0.10676
1275	723.267	3.185	0.122862
1276	726.1332	3.185	0.121944
1279	602.1266	3.026	0.152858
1280	233.2906	3.026	0.843876
1282	786.1089	3.185	0.104881
1283	734.6986	4.5	0.341494
1284	731.0616	2.708	0.082199
1286	779.7868	3.185	0.106505
1289	593.1248	2.231	0.083241
1291	666.2772	4.7	0.482153
1292	745.7234	3.344	0.131666
1293	755.7241	1.436	0.027898
1294	754.503	3.662	0.166076
1295	777.1239	3.344	0.121741
1296	733.6193	3.503	0.154241
1297	337.3539	3.503	0.648272
1298	790.8524	3.344	0.117751
1299	407.6582	1.436	0.088148
1301	603.5689	2.708	0.117992
1302	733.3314	4.457	0.331114
1303	778.4482	4.139	0.229214
1307	761.193	2.231	0.051981
1308	688.5512	3.185	0.13485
1309	759.0892	3.185	0.112093
1310	593.5827	3.185	0.178305
1311	740.2846	3.503	0.151617
1314	618.8982	3.026	0.145175
1315	728.5662	4.139	0.259933
1316	655.8433	3.026	0.130168
1317	693.4335	3.662	0.194884
1319	788.4945	3.344	0.118422
1321	540.4254	2.708	0.145061
1322	628.6415	3.662	0.234482
1323	682.6019	2.867	0.106289
1324	377.6369	2.549	0.24672
1325	308.6072	3.026	0.518627
1326	457.4422	2.867	0.224285
1327	654.9912	4.9	0.584338
1329	348.2699	3.344	0.539194
1330	576.2759	3.026	0.16595
1331	562.4736	3.344	0.223943
1332	439.7147	4.5	0.890599
1337	773.2068	2.867	0.083924
1341	699.1892	3.503	0.168944
1342	85.89531	2.708	3.083362
1343	528.2854	4.298	0.539925
1345	770.1499	3.821	0.181388
1348	480.4491	4.139	0.566849
1349	471.4663	3.98	0.51683
1354	763.3857	3.026	0.097652
1356	541.84	3.344	0.240107
1358	685.6903	4.298	0.331103
1361	730.8058	3.185	0.12047
1362	730.1477	3.344	0.137045
1363	547.1728	3.344	0.235766
1364	753.7015	2.231	0.052967
1365	19.4415	2.708	13.83133
1367	580.6283	2.549	0.111722
1368	569.0223	2.708	0.131758
1376	395.3338	3.503	0.487091
1379	440.7379	2.708	0.211459
1380	655.693	3.344	0.167949
1382	573.383	3.344	0.216047
1385	571.7149	3.026	0.168434
1386	335.2727	2.39	0.26907
1388	607.1543	4.298	0.416342
1390	391.0197	7.3	10.36272
1391	434.9669	6.206	3.556695
1392	394.8312	5.252	1.978237
1393	402.2837	3.98	0.691162
1394	441.1781	4.139	0.663151
1395	447.6669	3.821	0.500602
1396	360.1863	3.344	0.507561
1397	460.3833	4.139	0.613223
1398	506.8607	3.026	0.210753
1399	402.94	2.867	0.282876
1400	512.8096	2.072	0.096144
1401	415.8648	4.9	1.358158
1402	459.0764	3.821	0.477975
1403	435.4575	2.708	0.216182
1404	307.6489	3.344	0.67256
1405	458.7141	3.821	0.47867
1406	478.4331	3.026	0.2345
1407	442.971	2.708	0.209508
1408	426.2809	3.662	0.482172
1409	463.5397	3.344	0.320586
1410	407.8963	3.503	0.460151
1411	462.0813	3.185	0.283937
1412	428.8491	4.8	1.185257
1413	456.2373	3.821	0.48346
1414	464.5802	3.821	0.467605
1415	435.859	3.98	0.59707
1416	383.654	3.026	0.35116
1417	419.0557	3.98	0.64158
1418	465.1454	3.503	0.361761
1419	385.4869	5.1	1.82952
1421	417.7798	3.821	0.568102
1422	706.8471	3.821	0.21344
1423	388.0911	6	3.713035
1425	679.1354	3.344	0.157178
1426	459.5167	3.821	0.477133
1427	453.3607	4.9	1.15956
1428	464.5467	3.344	0.319308
1429	443.8067	3.98	0.577614
1430	458.9153	3.026	0.253206
1431	713.6518	3.821	0.209603
1432	726.5928	3.185	0.121798
1436	384.4084	2.867	0.308119
1438	631.1294	4.298	0.387127
1439	429.7101	3.026	0.285672
1440	400.9248	3.185	0.368164
1442	430.6515	4.298	0.787168
1443	739.7334	3.026	0.103666
1444	742.8438	3.503	0.150628
1447	160.936	2.708	1.210398
1448	167.9882	3.344	1.879037
1449	450.4429	2.231	0.13872
1451	451.882	3.344	0.335963
1452	778.2055	4.2	0.24082
1453	545.6258	3.503	0.269162
1454	782.5791	3.503	0.136427
1456	355.6802	4.5	1.30906
1457	474.0081	5.6	1.870197
1459	599.8632	2.549	0.105106
1460	464.5732	3.98	0.531047
1461	694.3737	3.185	0.13272
1462	318.704	5.5	3.544961
1463	780.3806	3.98	0.200887
1464	762.4211	3.185	0.111164
1468	141.4783	2.867	1.685142
1469	133.5333	3.344	2.699274
1470	173.0327	4.3	3.848298
1471	725.6522	3.185	0.122098
1472	767.839	3.503	0.141451
1473	557.2833	4.457	0.55507
1474	707.0232	2.072	0.052651
1476	437.0861	2.708	0.214709
1477	167.3433	2.549	1.000971
1478	170.1569	5.7	12.11947
1479	241.5388	3.344	1.025501
1480	186.5221	2.867	1.081595
1481	160.983	5.6	12.23231
1482	131.3488	3.026	2.146673
1483	731.167	3.026	0.105982
1485	696.3756	4.6	0.409443
1486	703.8215	3.503	0.166847
1487	698.2994	3.662	0.192323
1490	778.3278	2.867	0.082876
1491	715.1541	3.026	0.110524

อำเภอเมือง จังหวัดลำพูน

No.	DIST	MAGNITUDE	ACCEL.
6	746.7956	4.616	0.363268
7	729.6685	4.298	0.294346
8	677.5664	3.98	0.262577
9	672.9544	4.934	0.570574
13	713.7493	5.729	0.964257
14	599.6879	6.206	1.960817
15	509.3445	4.457	0.656174
17	734.5596	5.093	0.548994
22	762.542	4.139	0.23839
24	720.0296	5.252	0.647528
27	687.1898	4.139	0.290354
28	789.9969	6.683	1.705874
29	721.2759	6.365	1.572285
30	577.2709	4.934	0.761173
31	553.2732	4.775	0.725577
39	740.2067	3.662	0.172218
43	512.6315	4.775	0.836222
45	722.746	4.616	0.386537
48	695.893	4.298	0.321986
49	469.8199	4.775	0.982561
50	474.1692	3.344	0.307468
51	769.8673	4.457	0.301912
55	504.7206	4.457	0.667361
56	614.2162	3.185	0.167235
59	778.3504	3.185	0.106879
61	230.1718	4.775	3.49875
64	736.4151	4.457	0.328489
65	468.6267	4.616	0.869265
67	718.6189	4.616	0.390754
68	618.4177	4.616	0.518738
69	609.7755	4.139	0.363661
71	694.0805	4.298	0.323578
80	717.1403	3.662	0.182871
81	732.1739	2.549	0.072172
82	708.4677	3.344	0.1451
89	543.2529	3.821	0.349966
90	558.3099	4.457	0.553167
91	600.912	3.821	0.289829
92	621.9347	4.139	0.350424
93	791.8698	2.708	0.070621
94	459.6552	3.662	0.41991
95	710.03	4.139	0.27294
96	774.2636	3.98	0.203916
98	759.1878	4.298	0.273004
99	695.7422	4.298	0.322118
102	400.1265	4.457	1.022241
103	700.6537	4.775	0.465546
104	587.8624	4.934	0.735709
108	749.3371	4.139	0.246433
109	744.7781	3.662	0.170217
111	735.2738	4.139	0.255455
113	593.1364	4.934	0.723504
114	560.4992	4.775	0.70822
126	730.1191	3.503	0.155646
132	672.9891	3.185	0.140801
133	707.3967	3.503	0.165254
141	711.3266	3.185	0.126798
143	718.765	4.934	0.503757
144	682.5916	3.662	0.200776
147	619.7365	4.298	0.400613
151	781.8342	4.139	0.227329
154	606.4957	3.503	0.220863
159	791.8698	3.503	0.133396
167	482.6537	3.662	0.383768
168	725.5486	2.708	0.083387
169	454.68	3.821	0.486509
171	766.1159	4.775	0.393005
173	799.3029	3.344	0.115392
179	409.1205	3.98	0.67028
180	747.3733	3.98	0.218082
186	231.9386	3.98	1.828268
187	618.4177	3.821	0.274623
188	780.6996	3.821	0.176755
189	672.9891	5.57	0.948939
190	741.9065	3.344	0.132954
193	704.9853	5.411	0.765362
194	714.125	4.298	0.306605
195	712.2606	3.821	0.210379
196	704.9853	3.98	0.243605
197	711.2807	3.821	0.210928
198	704.9853	2.867	0.099998
199	707.8582	3.821	0.212863
200	669.566	3.662	0.208215
201	692.8526	3.503	0.171879
202	717.7256	3.662	0.182588
203	707.8582	3.344	0.145336
204	705.2003	3.344	0.146375
205	683.9402	3.98	0.257974
206	711.5397	3.185	0.126726
207	706.9184	4.298	0.31255
209	712.2606	4.298	0.308127
210	524.4409	4.616	0.705852
211	532.1782	5.888	1.900318
212	514.4259	3.662	0.341044
215	696.4459	2.867	0.10233
216	731.7915	4.298	0.292729
220	788.312	3.98	0.197058
221	699.2539	3.662	0.191827
226	629.7067	4.298	0.388774
241	695.4596	3.185	0.132328
250	689.7312	3.98	0.253896
251	292.9728	3.344	0.733154
258	521.9038	4.934	0.918568
259	767.7494	3.503	0.141482
262	755.4768	3.344	0.128457
264	793.1091	3.98	0.194795
267	626.1327	4.457	0.446259
268	785.581	3.662	0.153808
269	791.3423	3.821	0.172258
270	782.1952	4.457	0.292926
271	456.6153	3.662	0.425067
272	471.1499	3.98	0.51747
273	460.2992	3.344	0.324753
274	507.8125	4.457	0.659849
275	580.9406	3.821	0.308773
276	797.07	3.503	0.131744
277	609.1669	4.139	0.364344
279	632.8551	3.98	0.298634
280	608.5769	3.344	0.193237
282	673.061	4.139	0.301975
285	636.1567	4.2	0.352633
288	674.4088	2.867	0.108741
289	650.7966	3.026	0.132077
290	518.6384	3.662	0.33592
291	480.3572	4.457	0.731316
292	563.9296	3.821	0.326412
293	225.2415	5.662	1.490096
294	788.7557	2.708	0.071153
295	773.4074	3.344	0.122856
296	638.6271	5	0.663901
300	474.9054	3.344	0.30659
303	419.2988	3.503	0.437587
304	760.9365	3.662	0.163418
306	779.0641	3.98	0.201533
307	762.2421	3.98	0.210073
309	578.5626	3.98	0.353358
311	794.2701	2.867	0.079739
315	416.9443	3.185	0.342802
316	311.1544	3.185	0.580463
323	785.7332	2.708	0.071674
325	678.148	3.185	0.138785
328	701.9144	3.98	0.245626
330	727.1793	2.867	0.094296
338	701.9377	4.616	0.408522
340	532.8648	6.4	2.85543
341	539.1742	4.139	0.457726
342	758.1915	3.026	0.098927
343	789.7599	2.867	0.080609
344	668.1046	3.503	0.184103
347	688.9181	3.185	0.134714
348	735.1144	3.662	0.174488
349	780.3409	2.549	0.063946
352	697.7836	3.503	0.169589
353	799.3904	3.662	0.140788
358	665.5824	3.344	0.163274
359	592.8364	3.503	0.230501
360	548.2795	3.821	0.344011
361	646.2877	3.98	0.287058
362	725.1949	3.821	0.203327
365	712.313	3.662	0.185225
366	778.3744	3.185	0.106873
369	665.5824	2.231	0.067023
372	717.3517	3.503	0.160938
373	668.9796	3.185	0.142398
374	762.9067	3.344	0.126091
375	184.5536	3.344	1.612027
376	782.9888	3.344	0.120012
377	458.7153	3.662	0.421494
378	746.9869	3.821	0.192223
380	701.9302	3.185	0.13003
381	517.1486	4.139	0.494632
382	161.2495	4.775	6.305558
383	629.1878	3.026	0.140745
387	583.137	2.867	0.142928
391	277.2909	3.026	0.626055
392	775.0315	3.185	0.107751
394	777.9074	4.457	0.296006
398	623.1759	3.662	0.238363
400	563.1897	5.411	1.167493
401	543.9642	2.867	0.162747
402	556.3048	3.662	0.294822
403	754.9656	3.821	0.188383
406	618.9267	3.662	0.241448
407	237.5043	3.185	0.929461
408	652.8276	3.503	0.192311
409	159.84	3.503	2.311479
410	283.3328	4.298	1.667887
412	687.0065	3.821	0.225249
413	421.7728	3.662	0.491632
414	430.7792	3.98	0.610024
421	550.5257	3.185	0.205255
422	745.6991	4.298	0.282458
424	272.0228	3.821	1.222832
425	717.8174	3.821	0.207305
429	484.7576	5.2	1.302973
430	362.8945	2.867	0.341903
431	485.2509	4.139	0.556532
432	269.0154	3.026	0.660036
433	442.665	3.344	0.348916
438	798.1513	3.344	0.115709
439	636.6286	3.9	0.277004
440	520.7493	5.5	1.450595
449	412.8949	3.662	0.511096
450	635.1511	3.821	0.261179
451	645.8626	6.9	2.971798
452	642.2841	7	3.253169
453	626.8923	3.821	0.267687
454	619.3826	3.185	0.164625
455	636.164	2.39	0.082881
456	642.6445	4.298	0.374177
457	630.0881	2.39	0.084391
458	665.7847	2.39	0.07607
459	629.9743	4.139	0.342064
460	642.7534	3.662	0.22489
461	622.2159	6.2	1.820914
463	625.8132	5.5	1.028914
464	611.2399	3.662	0.247181
465	604.8357	3.185	0.172136
466	680.9355	5.9	1.208551
467	658.9992	3.026	0.128996
468	645.9312	3.503	0.196198
469	666.612	2.549	0.086187
471	708.7179	2.072	0.052413
472	651.5766	2.39	0.079228
473	605.7866	5.4	1.00963
474	643.7706	3.185	0.153091
475	669.3047	6.3	1.719359
476	681.2771	4.9	0.542523
480	672.5409	3.026	0.124139
481	556.8078	2.867	0.155818
482	658.8142	2.549	0.088121
484	467.5652	4.5	0.795545
485	730.3523	3.344	0.136973
487	548.5985	2.072	0.084808
488	685.7056	3.98	0.256721
489	636.4509	3.98	0.295467
490	311.4635	3.662	0.848666
492	688.2049	3.662	0.197692
493	773.5243	3.503	0.139481
494	646.9425	3.185	0.15168
499	682.0583	3.98	0.259321
501	604.4856	3.344	0.195698
502	539.0974	3.662	0.312604
503	450.1528	4.6	0.924121
509	733.3327	5.7	0.895031
513	567.9701	3.185	0.193645
521	599.4477	3.026	0.154141
522	662.1563	3.503	0.187235
525	784.3046	4.139	0.225969
528	667.5641	4.139	0.306685
536	734.0982	3.821	0.198677
538	771.1684	3.662	0.159322
540	778.1855	2.867	0.082905
541	729.4255	3.98	0.228375
542	667.7475	4.139	0.306526
543	536.1349	3.026	0.18988
546	799.1745	2.867	0.07881
554	720.4377	3.185	0.123778
555	494.3581	2.867	0.194366
557	482.314	2.867	0.203434
558	455.8636	4.7	0.978162
561	74.9025	4.6	16.81639
562	586.3326	2.867	0.141474
564	662.1598	3.185	0.145177
565	689.694	2.867	0.104233
566	663.7327	3.503	0.186397
568	268.5446	5.2	3.768923
571	257.6157	3.821	1.344088
572	525.161	5.3	1.216892
573	521.1478	3.344	0.258142
574	646.0982	2.549	0.091417
575	722.2366	3.185	0.123194
576	467.1309	2.867	0.215797
577	551.7785	3.185	0.204386
578	401.4885	5.8	2.974923
580	726.641	2.708	0.083149
583	763.1291	4.8	0.403932
584	511.6169	5.1	1.080515
585	621.2141	3.344	0.185921
586	570.6265	3.026	0.169035
587	619.5031	2.708	0.11236
588	395.0926	4.95	1.551782
589	644.1455	3.026	0.134658
590	259.937	3.344	0.903551
591	724.3419	2.867	0.094997
592	579.7538	3.026	0.164093
595	619.4589	4.7	0.553044
597	390.2269	3.662	0.566372
598	415.2709	4.7	1.160367
599	418.4941	2.549	0.204708
600	267.2864	4.45	2.085402
604	577.0475	4.7	0.631681
607	544.9935	6.2	2.333386
608	538.5346	2.867	0.165816
610	407.2116	3.344	0.406431
611	732.4471	4.4	0.317079
612	660.1142	3.185	0.146027
614	788.0782	4.6	0.323779
615	745.3862	3.185	0.116039
616	745.4074	2.867	0.08997
617	452.3189	2.708	0.201628
618	453.1781	3.662	0.431012
619	490.107	3.344	0.289258
625	452.2222	2.549	0.177615
626	788.0782	4.6	0.323779
627	601.1488	3.026	0.153324
630	456.9319	2.231	0.135121
634	747.9006	3.9	0.204289
639	721.7124	3.185	0.123364
641	678.8391	2.867	0.107405
642	454.4067	4.9	1.154659
643	565.5953	3.026	0.171855
647	590.9495	3.026	0.158321
648	692.7752	3.662	0.195234
650	658.9921	3.185	0.146496
651	558.8403	3.503	0.257414
653	767.9863	3.026	0.096543
654	781.8275	1.913	0.038306
655	789.61	4.9	0.410086
658	778.7092	3.026	0.094031
659	657.9532	3.344	0.166863
660	85.75635	2.549	2.721081
665	461.1347	3.026	0.250968

No.	DIST	MAGNITUDE	ACCEL.
667	700.8002	3.026	0.114849
674	575.4242	4.1	0.392939
675	735.223	3.662	0.174439
676	635.298	4.139	0.336692
679	479.4531	2.708	0.181114
681	479.7693	2.549	0.159287
684	643.6836	2.39	0.081068
685	391.2239	2.708	0.262808
686	536.7806	3.185	0.215154
687	753.8756	5.4	0.66809
691	751.1685	5.35	0.646294
692	756.8489	3.8	0.18437
693	616.9334	3.503	0.213901
694	711.3102	3.185	0.126804
695	650.6881	3.344	0.170392
700	549.511	4.85	0.780309
701	375.5311	2.072	0.170164
702	566.573	3.344	0.220926
703	545.7666	3.662	0.305526
704	786.656	3.185	0.104742
706	639.598	3.662	0.226983
707	360.4111	2.867	0.346157
708	608.6612	4.1	0.353702
713	760.3852	2.708	0.076286
715	708.7541	5.1	0.590787
718	111.575	1.913	1.1261
720	642.4911	4.6	0.476648
721	403.0484	3.185	0.364643
724	734.0696	3.503	0.154062
727	400.6218	3.821	0.613208
728	794.6782	2.867	0.079661
729	777.7177	4.1	0.22257
730	789.412	5	0.444452
732	670.5139	3.98	0.267816
733	685.885	3.503	0.175194
737	798.1726	2.867	0.078999
738	591.8528	4.1	0.372771
739	669.8403	2.867	0.110145
741	662.8772	3.344	0.164533
743	646.3067	3.344	0.172574
744	704.7072	3.185	0.129062
745	577.4123	2.549	0.112889
747	792.3057	3.503	0.133257
748	673.5893	3.503	0.181283
749	670.6026	5.1	0.655928
750	697.6717	2.708	0.089804
751	697.2628	2.867	0.102104
753	272.785	4.8	2.663097
754	540.1296	5.2	1.066113
756	737.2533	3.344	0.134551
762	766.3892	3.503	0.14196
763	611.8951	3.821	0.280146
765	614.1279	5.1	0.774077
769	306.4841	3.185	0.596216
781	715.8241	3.026	0.110328
782	564.5508	2.867	0.151852
784	561.3424	4.616	0.621881
788	584.1522	3.503	0.236959
791	541.7823	4.5	0.605518
795	657.3013	4.6	0.456616
796	639.7621	3.662	0.226873
800	787.0207	3.344	0.118845
803	797.7867	3.344	0.11581
804	487.5695	3.026	0.226448
805	480.6194	2.39	0.139804
807	730.298	2.867	0.093534
811	718.463	3.662	0.182234
816	590.7758	4.4	0.475504
819	718.872	3.503	0.160294
820	405.036	3.503	0.466084
823	781.1148	2.867	0.082315
825	607.1963	2.867	0.132499
827	658.5875	3.026	0.129148
831	454.0177	4.298	0.714465
832	785.6612	4.298	0.255778
834	368.5001	2.39	0.227078
835	789.197	3.503	0.134258
837	770.7486	3.185	0.108893
839	790.2309	3.662	0.15209
846	698.1221	3.344	0.149196
848	467.8644	2.39	0.146914
849	677.2625	2.867	0.107877
853	514.1855	3.503	0.300569
856	663.8663	3.503	0.186326
857	393.4107	4.457	1.054167
858	402.0444	2.231	0.17076
861	624.5071	4.139	0.347716
862	393.1927	5.8	3.089955
863	392.0936	4.4	1.013326
864	392.5217	4.5	1.09555
865	396.3835	3.185	0.375867
867	378.5566	3.503	0.526922
868	338.7638	3.185	0.498923
870	780.908	3.026	0.093527
877	712.8041	3.662	0.184984
878	713.2817	3.026	0.111074
879	481.3905	3.503	0.339569
880	473.8493	3.821	0.450887
881	278.7153	4.5	2.017633
883	572.6577	6.6	2.929726
884	619.1453	3.344	0.18709
885	493.2196	3.344	0.285891
886	578.1471	3.185	0.187321
887	594.6104	2.549	0.106853
888	588.381	2.708	0.123765
889	735.0747	3.503	0.153662

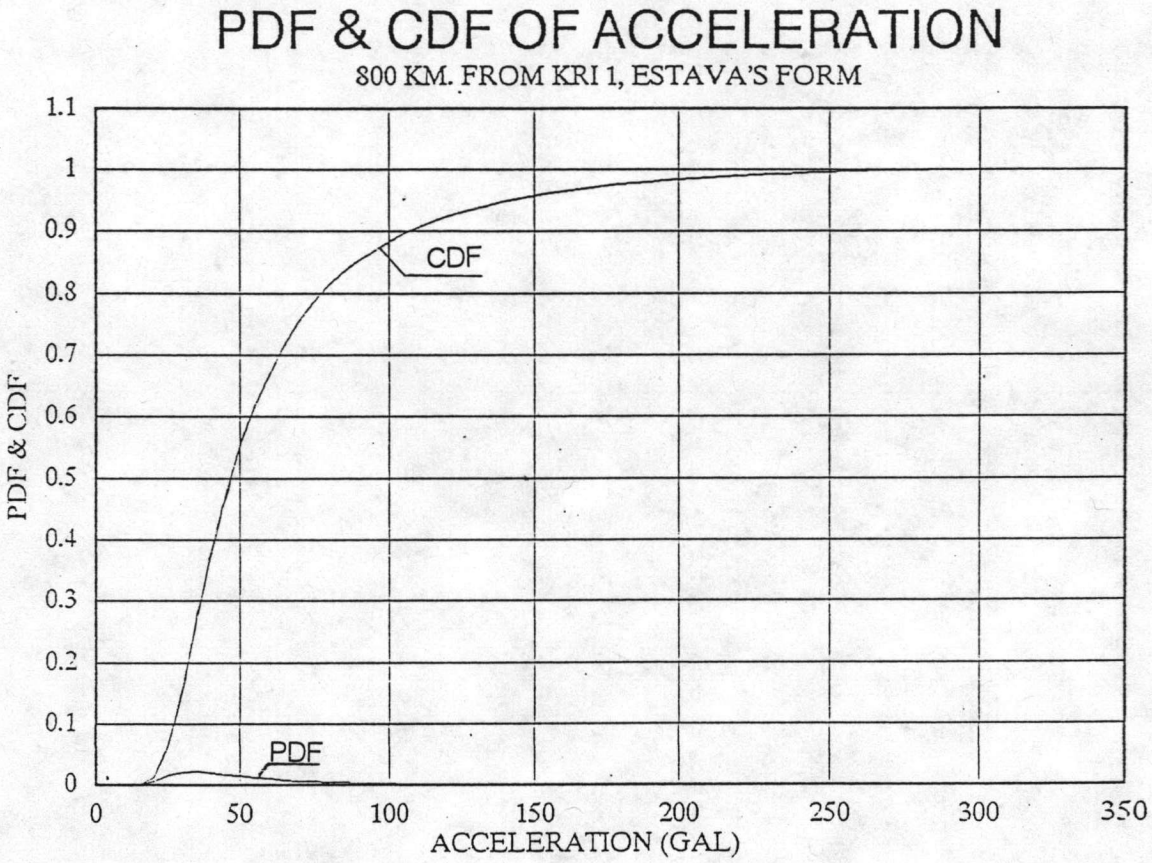
No.	DIST	MAGNITUDE	ACCEL.
893	590.3394	5	0.769515
894	209.4581	3.662	1.68462
897	670.653	3.662	0.207578
898	764.9308	4.139	0.236977
899	396.6909	2.708	0.256269
901	737.8115	3.026	0.104179
902	769.1883	2.231	0.050959
905	662.5859	3.821	0.24118
907	680.0408	4.139	0.296149
909	727.9272	3.026	0.106878
912	412.5572	3.821	0.58129
913	618.886	4.457	0.456129
915	786.2167	3.662	0.153571
918	491.5063	4.298	0.617233
920	693.8057	3.185	0.132925
921	754.8869	3.344	0.128648
922	731.2819	2.867	0.093295
923	738.1515	2.549	0.071068
924	738.4859	3.026	0.103998
925	746.6	3.821	0.192412
926	745.1833	3.503	0.149731
927	740.1757	3.185	0.117594
928	745.1273	4.4	0.30692
929	736.2112	2.549	0.071424
930	724.0746	3.185	0.122602
931	745.3007	3.026	0.102201
932	735.5149	2.231	0.05548
934	721.0325	3.662	0.181005
941	640.743	3.503	0.1992
942	474.9561	3.503	0.348108
943	795.5806	4.298	0.249741
952	612.0557	3.026	0.148238
954	585.4344	3.344	0.207802
955	482.7477	3.185	0.261931
962	689.8021	3.344	0.152617
968	373.8606	5.6	2.884822
969	347.7214	2.867	0.369187
970	366.9693	3.98	0.816316
974	529.2369	3.821	0.367412
976	776.6346	3.344	0.121887
978	591.9877	3.98	0.338504
985	679.7728	3.821	0.229799
1080	772.0864	2.549	0.065252
1086	731.1193	3.821	0.200215
1101	786.3567	3.821	0.174343
1103	655.9431	2.708	0.100901
1108	475.79	4.7	0.904044
1109	675.6023	3.185	0.139774
1114	757.97	3.026	0.098982
1116	612.2135	2.708	0.114885
1118	613.4244	3.026	0.147617
1122	612.9659	2.39	0.088875
1123	782.7215	3.026	0.093116
1126	594.9091	3.185	0.177561
1132	782.7749	3.185	0.105732
1136	768.0083	2.708	0.074853
1139	691.5123	3.026	0.117784
1152	556.7544	3.026	0.176985
1155	707.9847	3.662	0.187375
1158	604.8881	2.867	0.13345
1159	297.0217	4.4	1.66567
1163	405.091	2.39	0.191276
1169	376.8875	4.5	1.179262
1175	780.74	3.026	0.093566
1176	328.0673	3.662	0.773825
1181	666.5641	3.503	0.184906
1200	530.5717	2.867	0.170477
1207	195.6788	4.3	3.14427
1213	552.1922	3.662	0.298932
1214	556.1718	4.6	0.624667
1216	745.0495	3.185	0.116139
1217	753.5735	4	0.21815
1220	689.8037	5.1	0.621867
1221	674.1327	2.708	0.095827
1222	749.3725	5.1	0.531552
1224	708.525	4.139	0.274038
1226	751.1426	3.9	0.202618
1230	761.5225	3.026	0.098106
1231	563.833	4.1	0.408169
1233	791.4145	3.662	0.151657
1236	627.9712	3.503	0.20689
1238	794.7838	2.708	0.070129
1239	698.4746	3.185	0.13125
1240	552.972	2.867	0.15784
1245	684.0957	2.549	0.082075
1248	185.0222	2.708	0.965146
1249	798.6608	3.662	0.149047
1250	749.174	3.503	0.148221
1251	673.872	3.503	0.18114
1252	455.6475	4.139	0.624997
1253	709.5203	3.185	0.12741
1254	575.0749	3.662	0.277103
1256	671.3537	2.867	0.109677
1257	569.0404	3.503	0.248864
1259	756.1596	4.6	0.350261
1260	779.0847	3.98	0.201523
1261	794.7302	3.185	0.102725
1262	666.6105	3.821	0.23844
1263	537.4591	3.026	0.18901
1264	592.128	3.821	0.29794
1267	474.2595	2.867	0.209856
1268	469.8271	5.1	1.274277
1269	475.7888	5.6	1.857306
1270	414.6581	2.231	0.161416
1271	748.2157	3.026	0.101447

No.	DIST	MAGNITUDE	ACCEL.
1273	746.9861	2.867	0.089609
1275	682.0285	3.185	0.137297
1276	682.0134	3.185	0.137303
1279	654.0399	3.026	0.130846
1280	202.4971	3.026	1.071803
1282	753.0952	3.185	0.113794
1289	641.6151	2.231	0.071819
1291	738.7816	4.7	0.396555
1292	721.5998	3.344	0.140139
1293	745.1731	1.436	0.028653
1294	718.3707	3.662	0.182278
1295	761.4693	3.344	0.126543
1296	745.8498	3.503	0.149478
1297	367.8949	3.503	0.554828
1298	786.3899	3.344	0.119026
1299	491.8093	1.436	0.062459
1301	493.728	2.708	0.171555
1302	686.6787	4.457	0.374993
1303	759.8794	4.139	0.23998
1307	748.8435	2.231	0.053621
1308	651.5233	3.185	0.149678
1309	733.4149	3.185	0.119659
1310	533.3227	3.185	0.217757
1311	653.0388	3.503	0.192194
1314	676.3554	3.026	0.122821
1315	694.7566	4.139	0.284405
1316	604.0253	3.026	0.151958
1317	629.0167	3.662	0.23422
1318	797.3004	3.662	0.149532
1319	784.3273	3.344	0.119623
1321	468.1336	2.708	0.189273
1322	687.0302	3.662	0.198332
1323	628.6107	2.867	0.124148
1324	479.8443	2.549	0.159241
1325	327.5891	3.026	0.466448
1326	573.6437	2.867	0.147385
1327	544.7947	4.9	0.825307
1328	700.2085	1.913	0.04722
1329	417.2381	3.344	0.388801
1330	461.7585	3.026	0.250345
1331	484.0925	3.344	0.295935
1332	375.5867	4.5	1.186656
1335	769.9394	3.026	0.096078
1341	638.2867	3.503	0.200645
1342	35.17303	2.708	8.648075
1343	424.6027	4.298	0.807798
1345	736.4843	3.821	0.197458
1348	408.5429	4.139	0.763161
1349	399.7235	3.98	0.699234
1354	778.9084	3.026	0.093985
1355	756.9211	2.39	0.059666
1356	465.3878	3.344	0.318246
1357	795.8574	3.503	0.132127
1358	636.3679	4.298	0.381154
1361	680.9723	3.185	0.1377
1363	450.4667	3.344	0.337904
1364	637.4775	2.231	0.072699
1365	125.3296	2.708	1.787897
1366	798.6772	4.3	0.248297
1367	495.5882	2.549	0.150017
1368	509.0571	2.708	0.16211
1373	795.0979	3.344	0.116557
1376	465.5866	3.503	0.36113
1379	347.7267	2.708	0.325081
1380	586.0567	3.344	0.207389
1382	533.4979	3.344	0.247143
1385	533.9669	3.026	0.191317
1386	451.3598	2.39	0.156949
1387	780.4266	3.344	0.120763
1388	531.278	4.298	0.534283
1390	458.2678	7.3	7.754291
1391	498.0897	6.206	2.771175
1392	460.826	5.252	1.491235
1393	471.7536	3.98	0.51625
1394	504.3357	4.139	0.518191
1395	511.1452	3.821	0.391929
1396	432.8582	3.344	0.363539
1397	524.8573	4.139	0.481223
1398	556.6622	3.026	0.17704
1399	454.5726	2.867	0.226895
1400	576.1002	2.072	0.077406
1401	486.926	4.9	1.016537
1402	519.3446	3.821	0.380523
1403	500.8676	2.708	0.167056
1404	374.544	3.344	0.473011
1405	523.083	3.821	0.375487
1406	543.1571	3.026	0.185335
1407	507.6808	2.708	0.162925
1408	491.3097	3.662	0.371366
1409	524.6926	3.344	0.254911
1410	472.5137	3.503	0.351434
1411	527.8165	3.185	0.222001
1412	497.4716	4.8	0.90192
1413	516.1047	3.821	0.38497
1414	521.2114	3.821	0.377995
1415	504.4146	3.98	0.456165
1416	451.3969	3.026	0.261014
1417	489.6757	3.98	0.481905
1418	527.1703	3.503	0.286964
1419	458.5002	5.1	1.332843
1420	783.3031	4.298	0.257245
1421	487.2249	3.821	0.428299
1422	700.1978	3.821	0.217292
1423	460.8681	6	2.712407
1425	611.5671	3.344	0.191467

No.	DIST	MAGNITUDE	ACCEL.
1426	523.3514	3.821	0.375129
1427	518.1423	4.9	0.906009
1428	528.2139	3.344	0.251761
1429	505.4022	3.98	0.454515
1430	523.092	3.026	0.198778
1431	685.3547	3.821	0.226276
1432	680.2985	3.185	0.137958
1436	445.8708	2.867	0.235095
1438	527.6528	4.298	0.541129
1439	322.2352	3.026	0.480338
1440	468.1025	3.185	0.277248
1442	465.2189	4.298	0.683136
1444	799.3334	3.503	0.131035
1447	271.2362	2.708	0.504503
1448	274.4899	3.344	0.821863
1449	360.4968	2.231	0.208027
1451	512.1374	3.344	0.266636
1452	784.8482	4.2	0.236957
1453	502.7267	3.503	0.313395
1454	772.3994	3.503	0.139867
1456	427.4445	4.5	0.937968
1457	539.006	5.6	1.473877
1459	716.055	2.549	0.075283
1460	525.298	3.98	0.423084
1461	789.3034	3.185	0.104074
1462	434.8209	5.5	2.023131
1463	755.6751	3.98	0.213555
1464	733.7272	3.185	0.119562
1466	794.0667	4.298	0.250648
1467	744.3995	3.662	0.170382
1468	181.5396	2.867	1.130794
1469	185.0609	3.344	1.60477
1470	191.9017	4.3	3.24753
1471	793.1491	3.185	0.103116
1473	491.3285	4.457	0.701427
1474	674.4814	2.072	0.057556
1475	757.2119	3.821	0.187323
1476	505.4797	2.708	0.164243
1477	177.5243	2.549	0.909465
1478	188.7933	5.7	10.22549
1479	165.4375	3.344	1.925986
1480	182.2714	2.867	1.123359
1481	178.5244	5.6	10.34731
1482	175.1108	3.026	1.362084
1483	726.1344	3.026	0.107379
1485	631.2838	4.6	0.492696
1486	637.9362	3.503	0.200852
1487	663.7036	3.662	0.211698
1490	761.6704	2.867	0.086356
1491	673.2711	3.026	0.123885

ภาคผนวก ค.

แสดงกราฟ CDF และ PDF ของจุดต่าง ๆ



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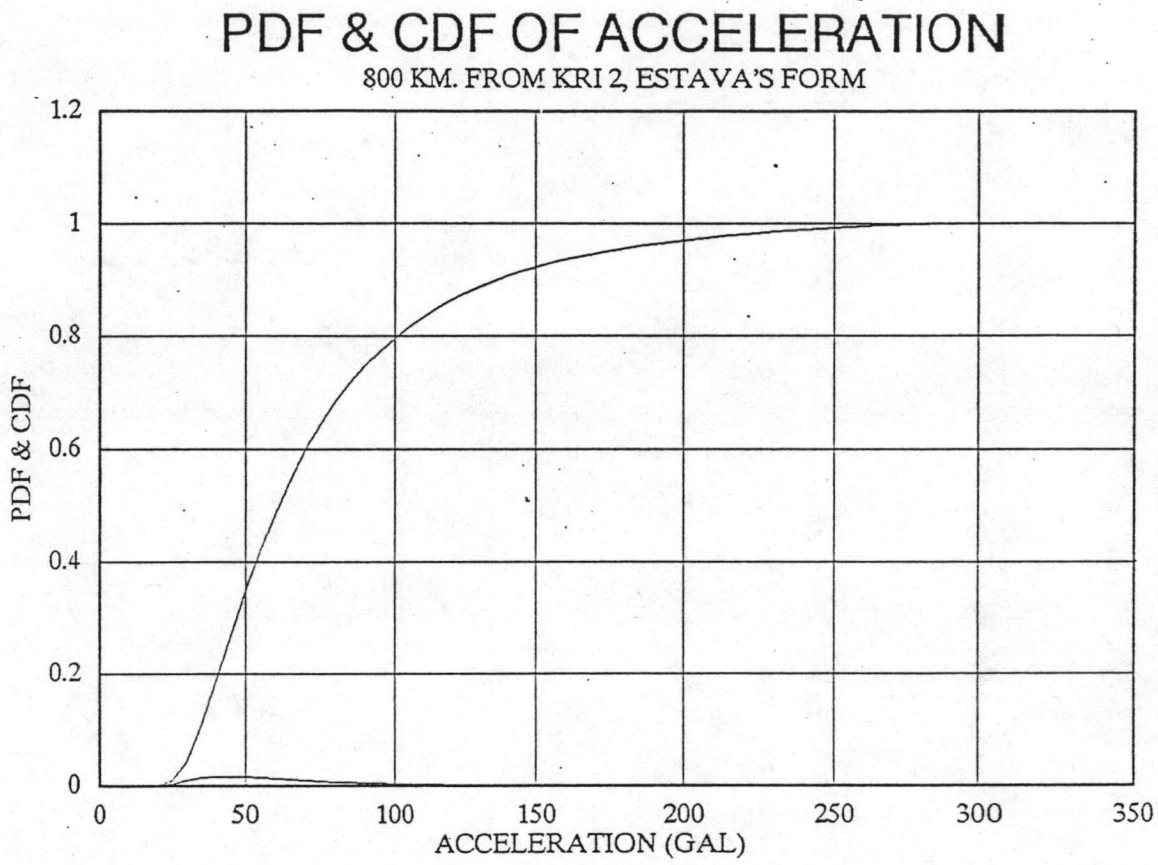

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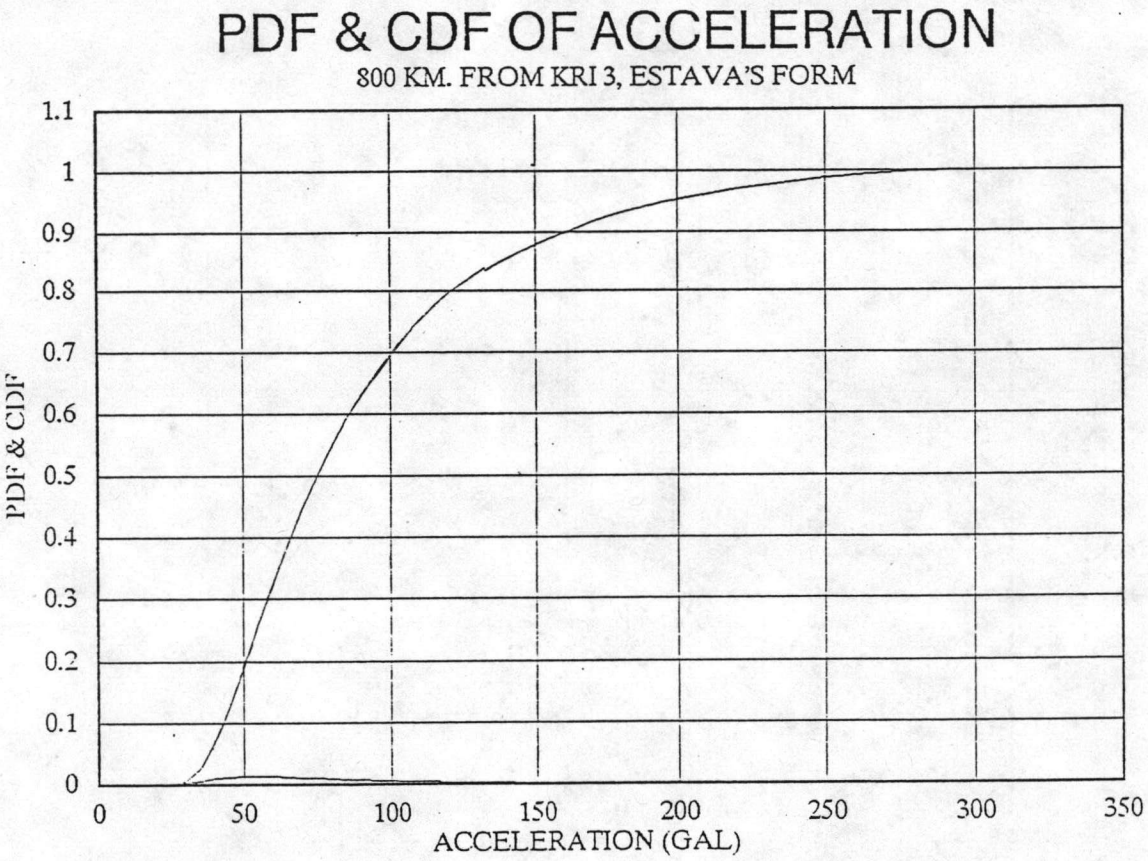

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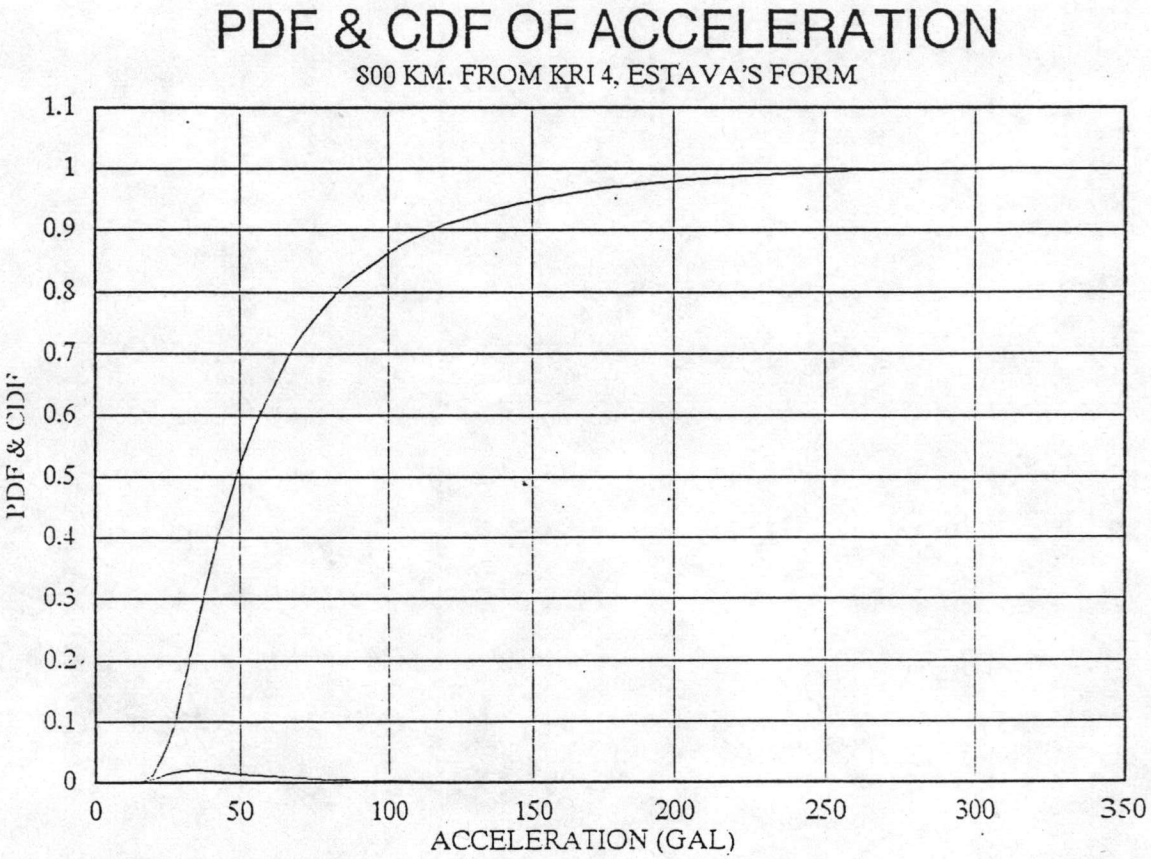

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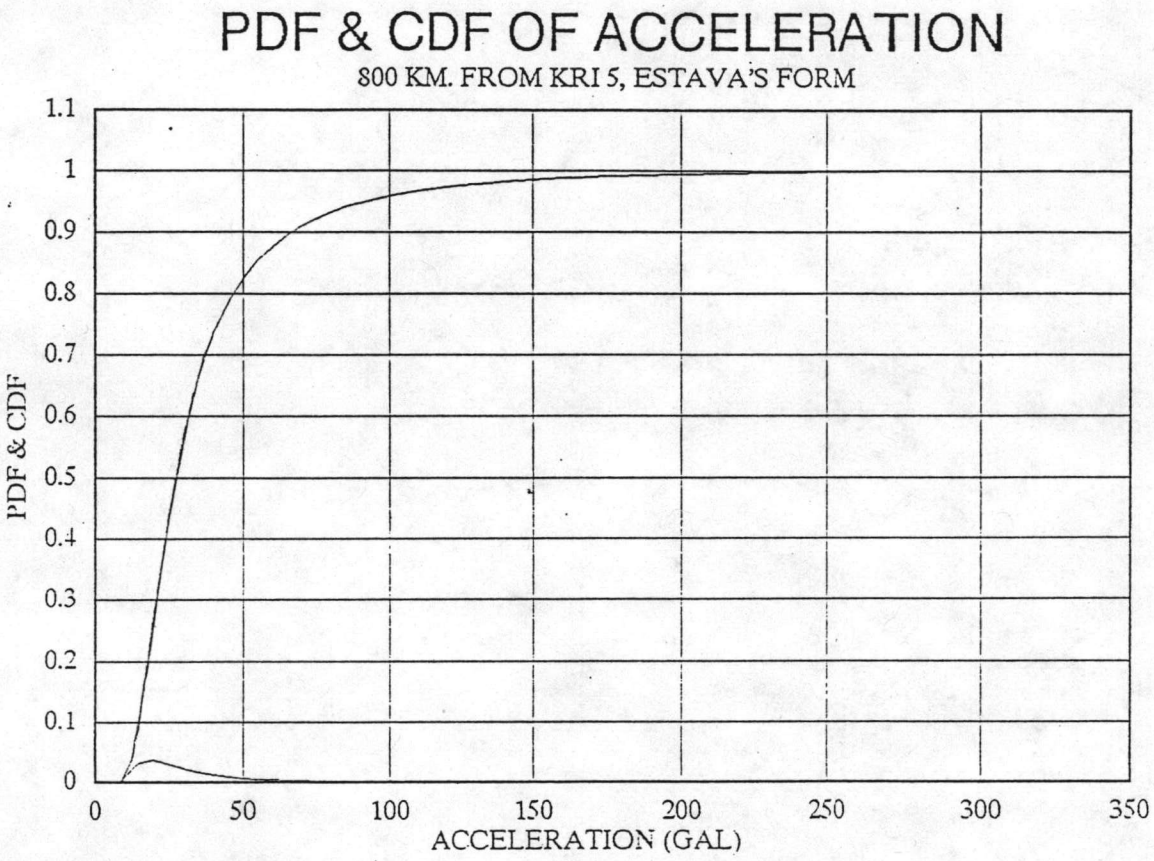

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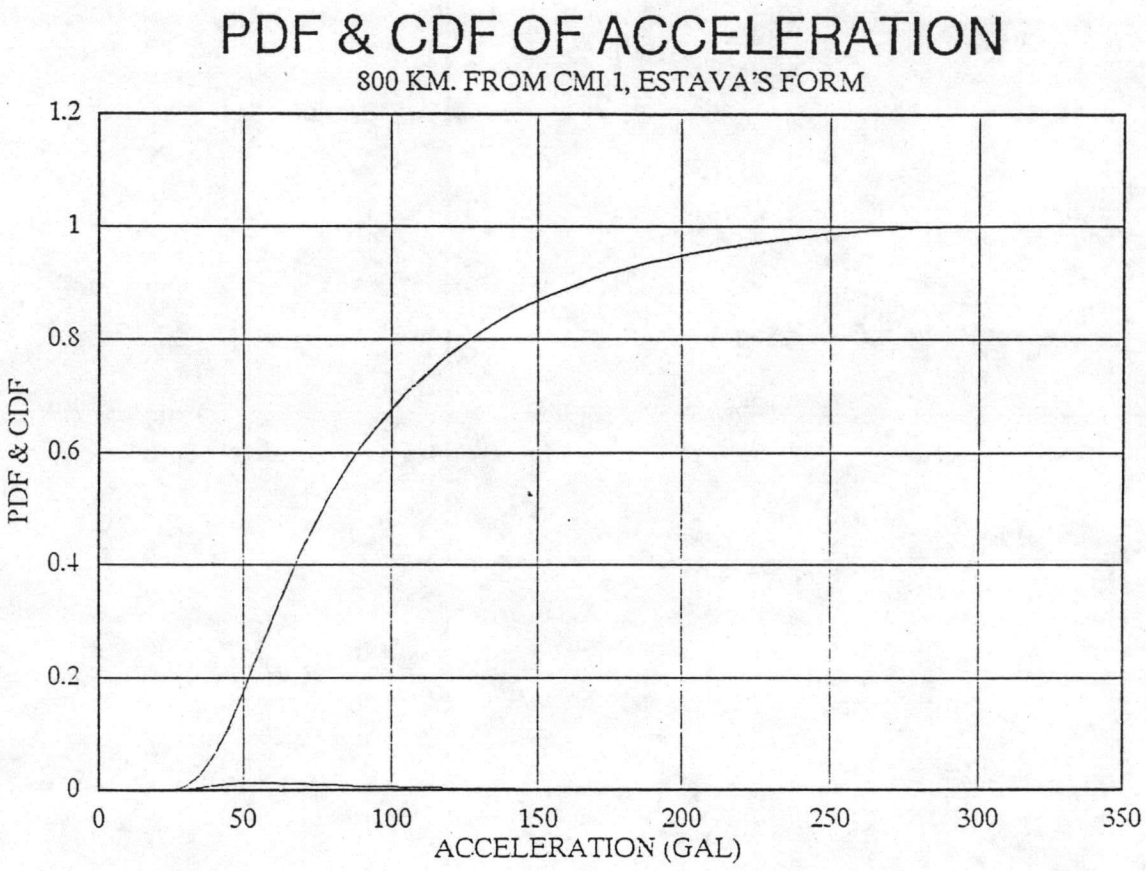

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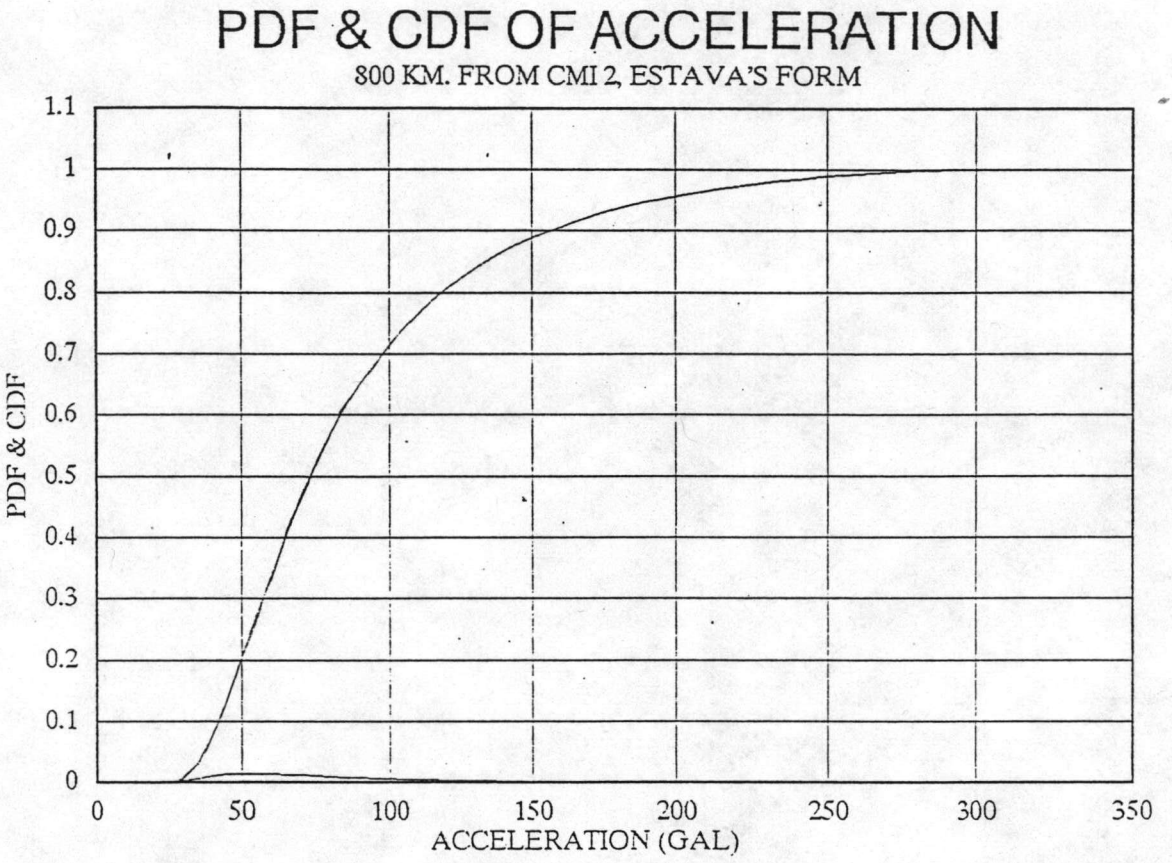

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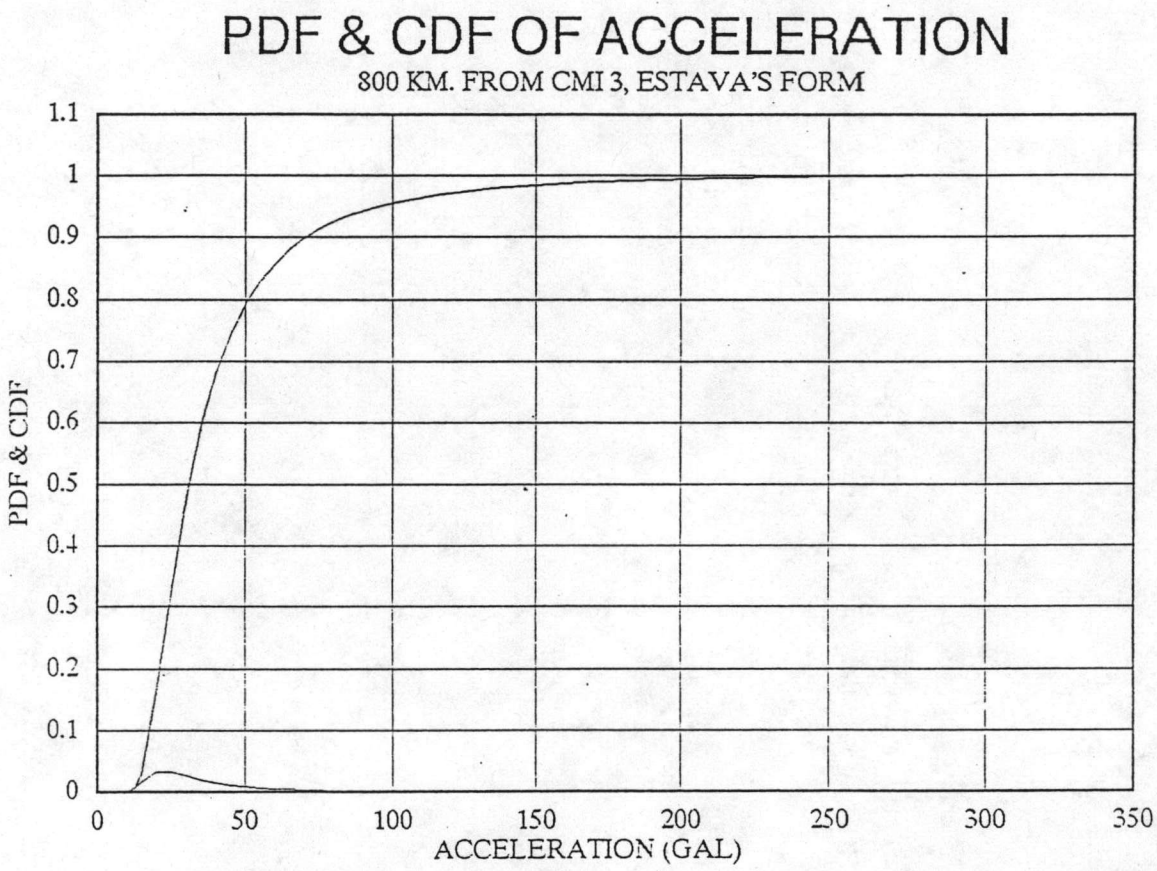

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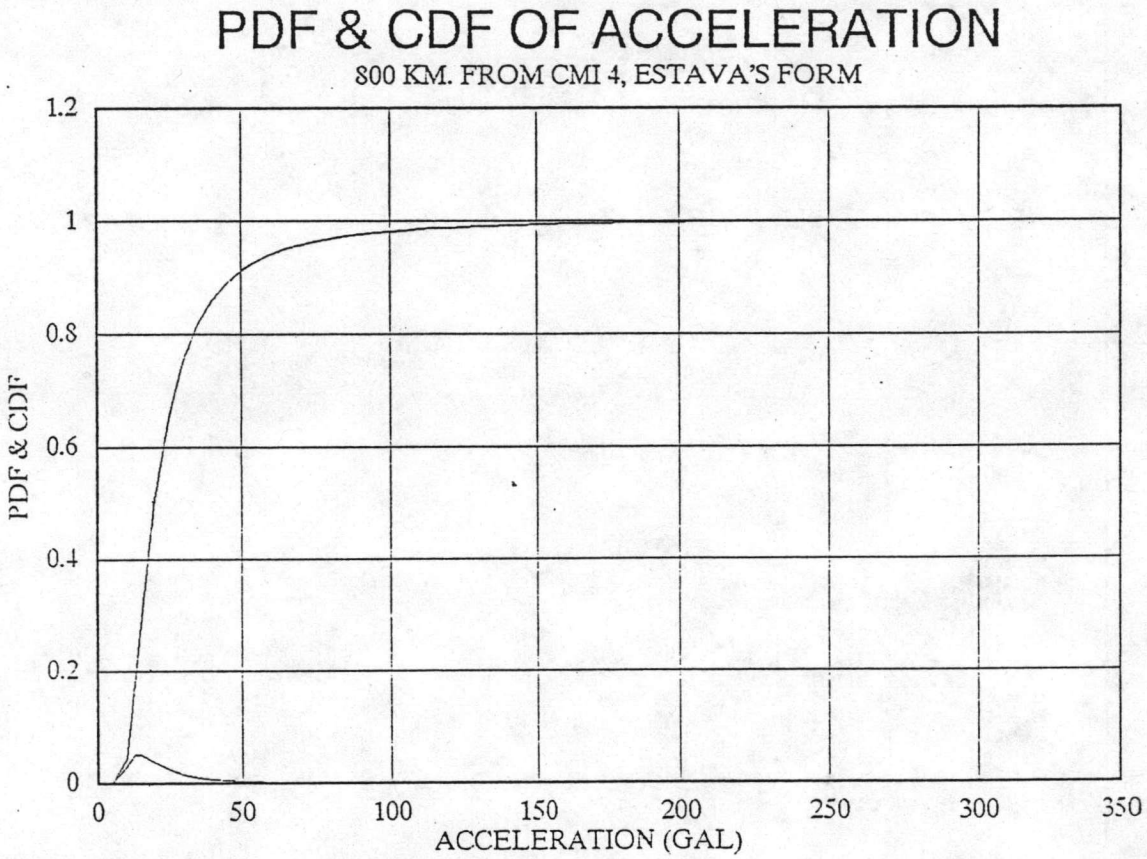

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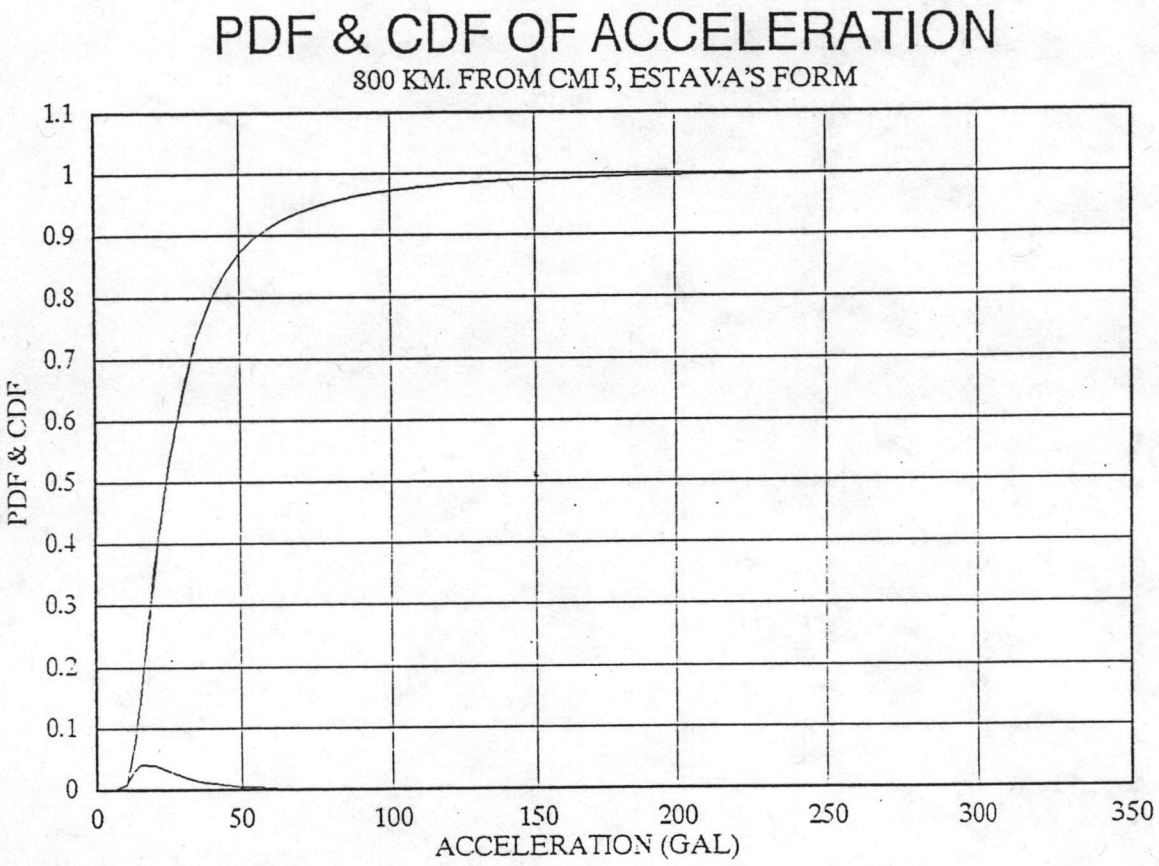

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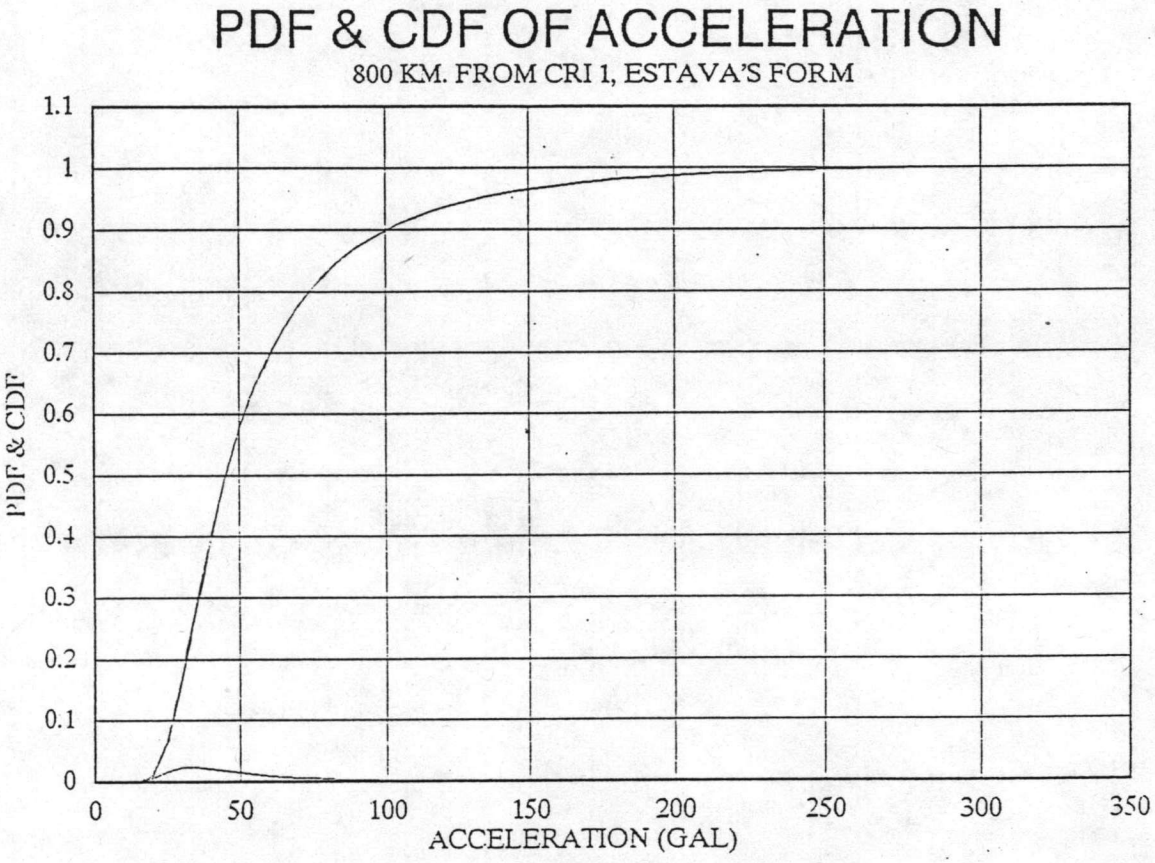

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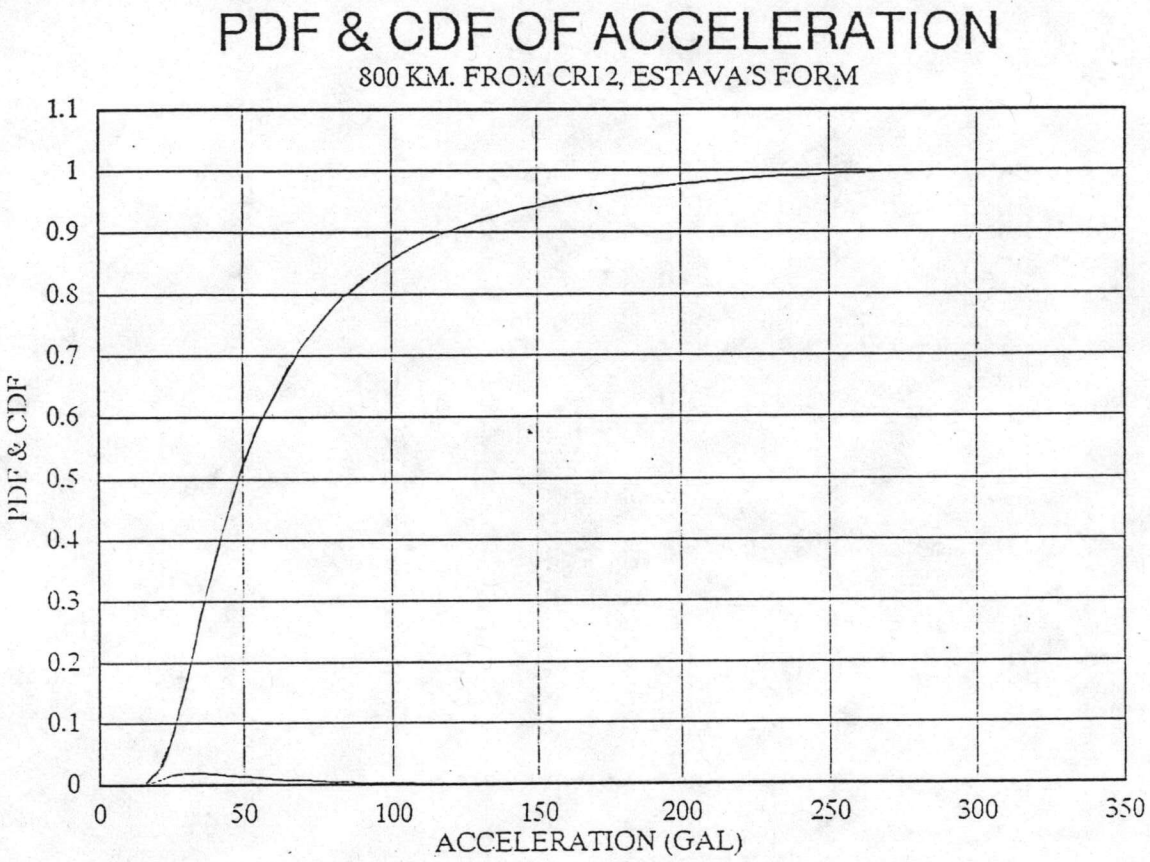

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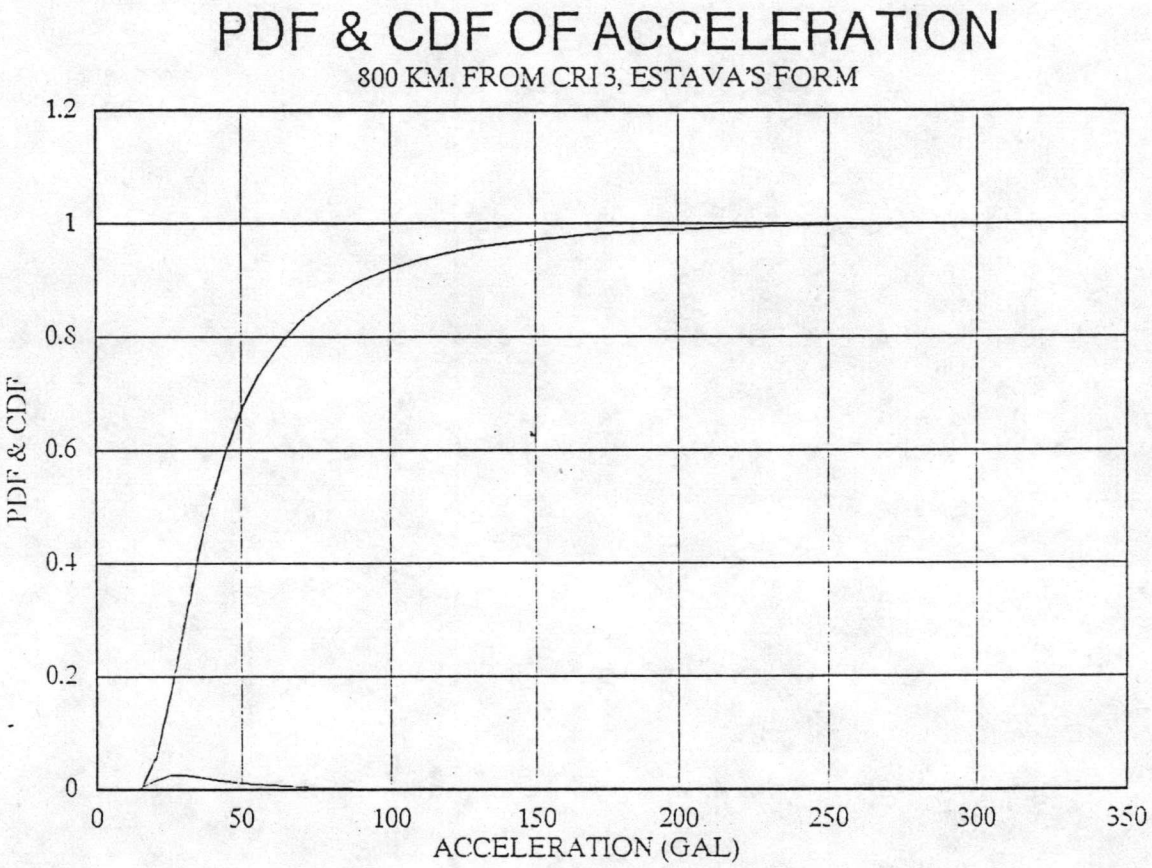

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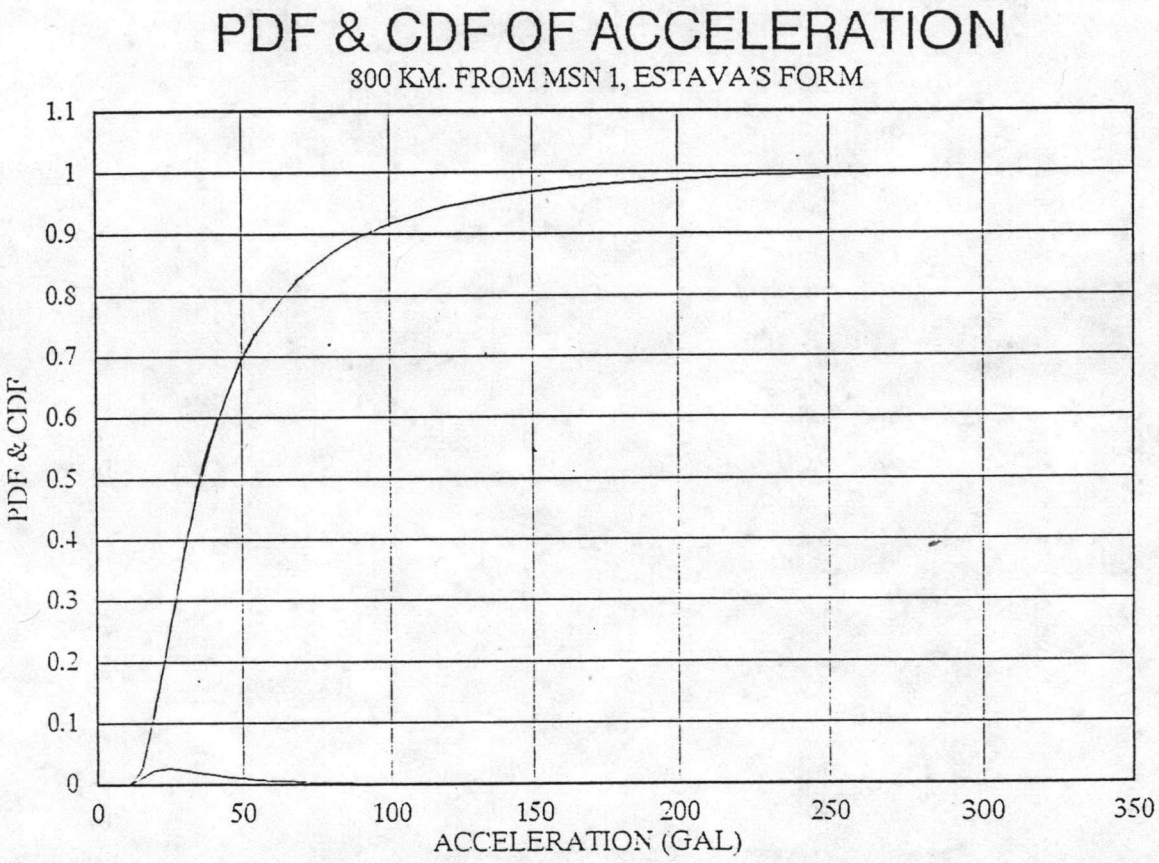

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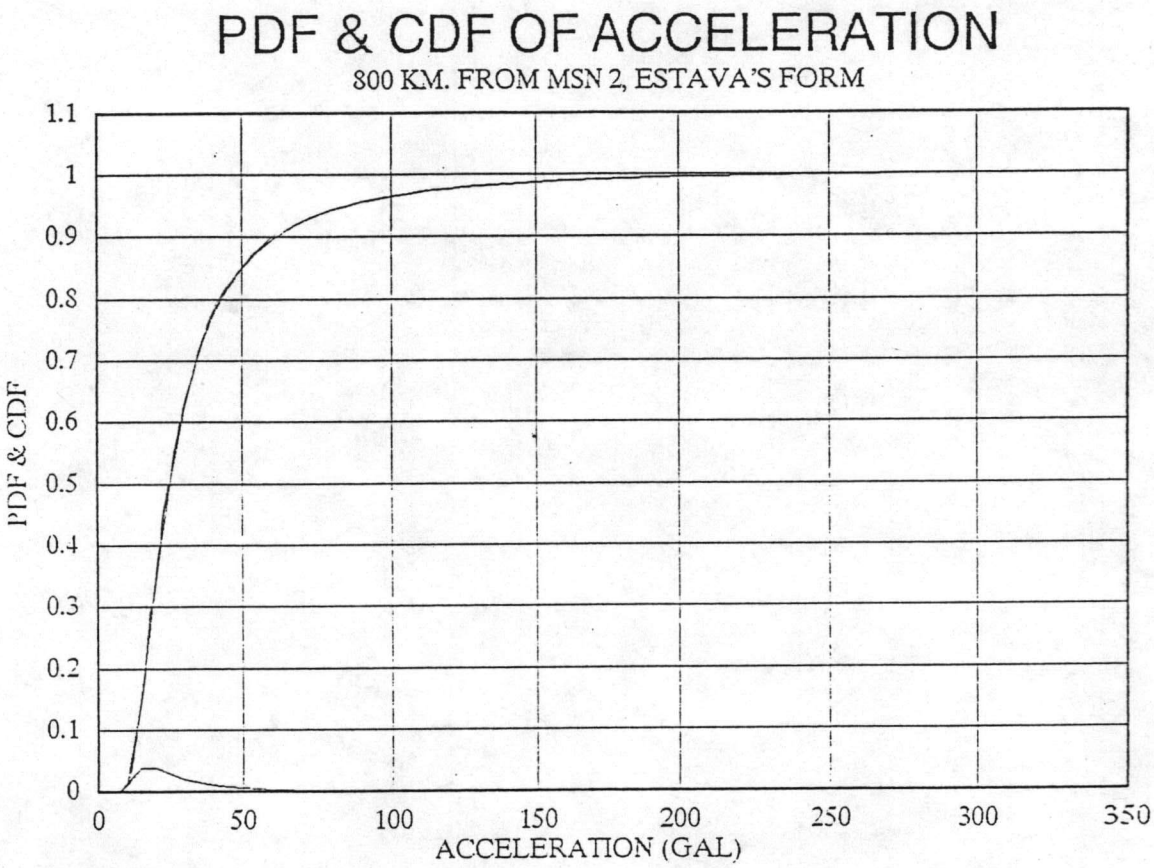

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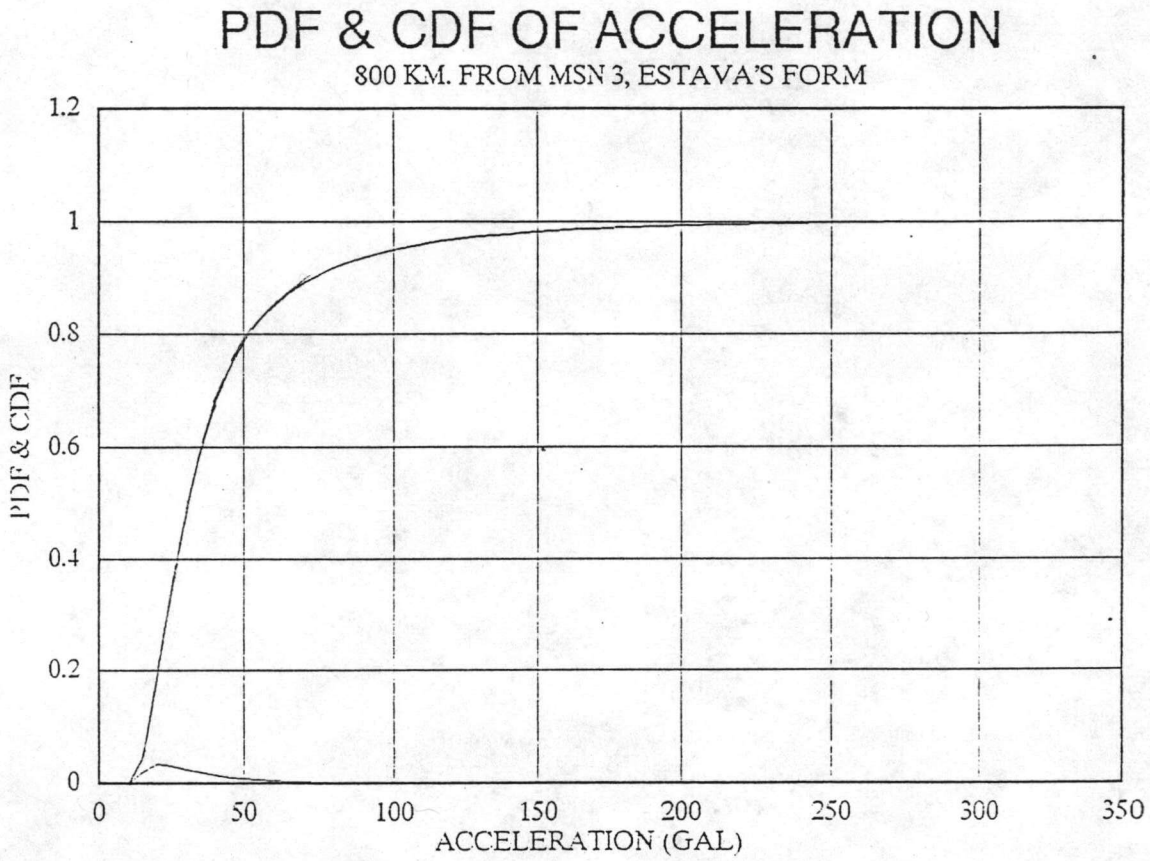

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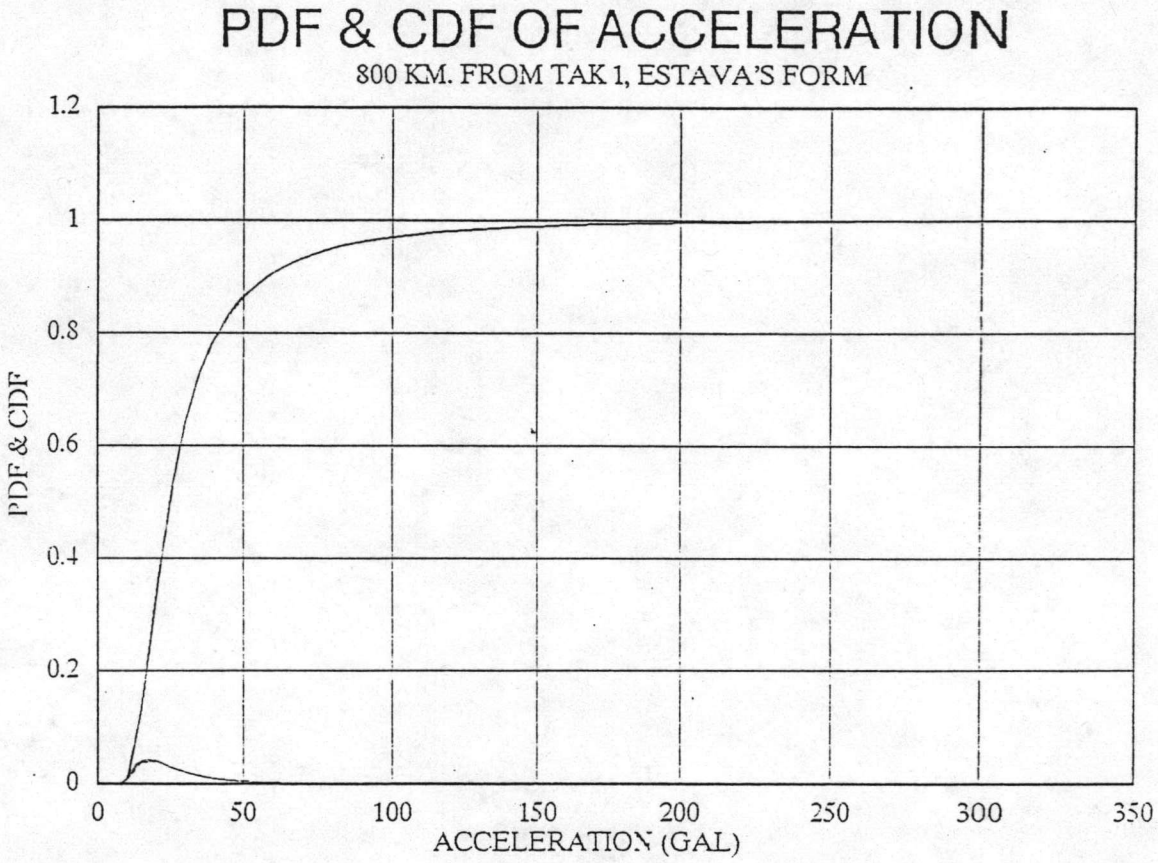

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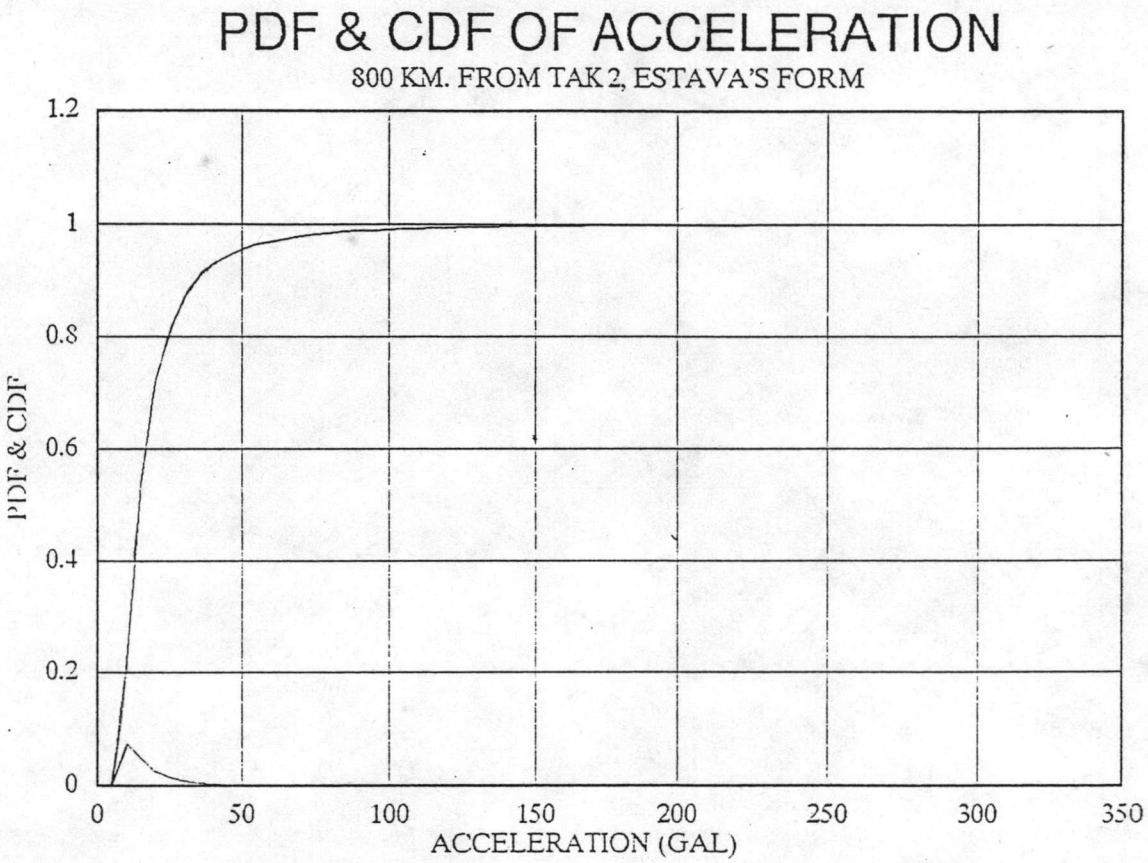

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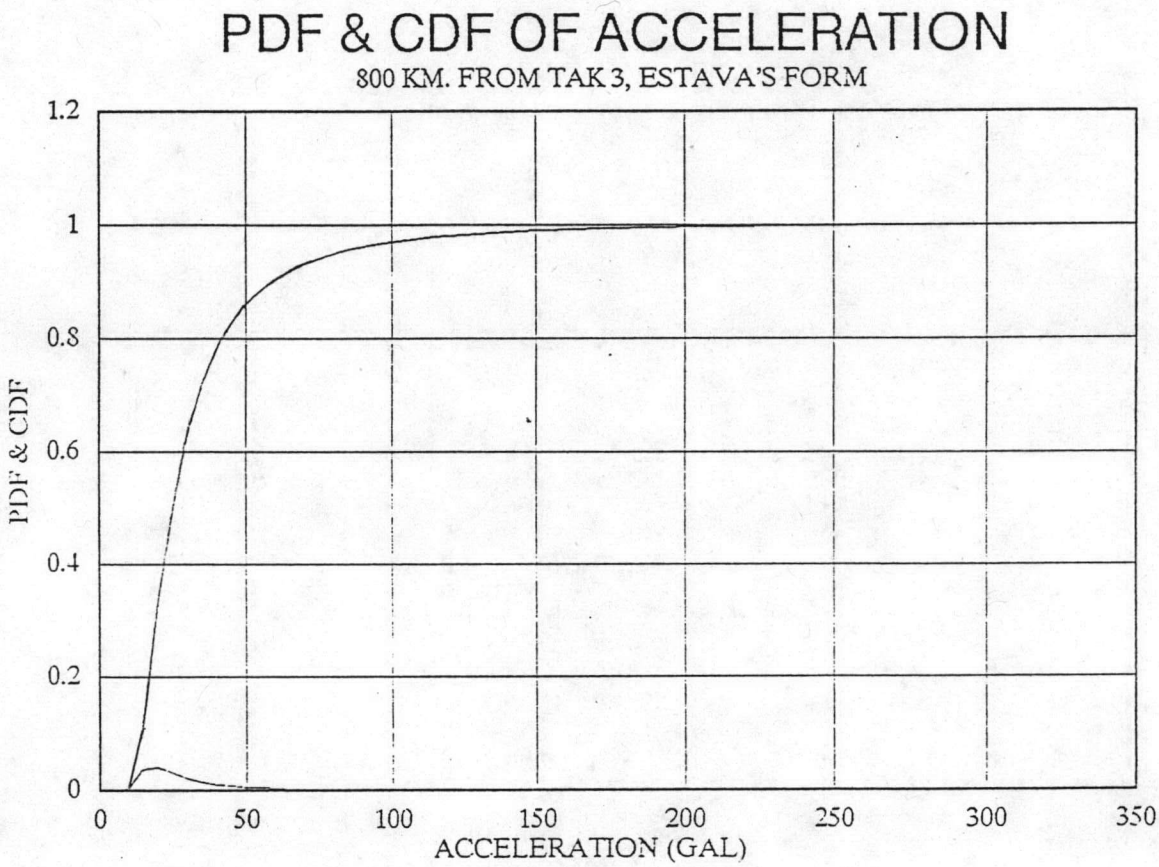

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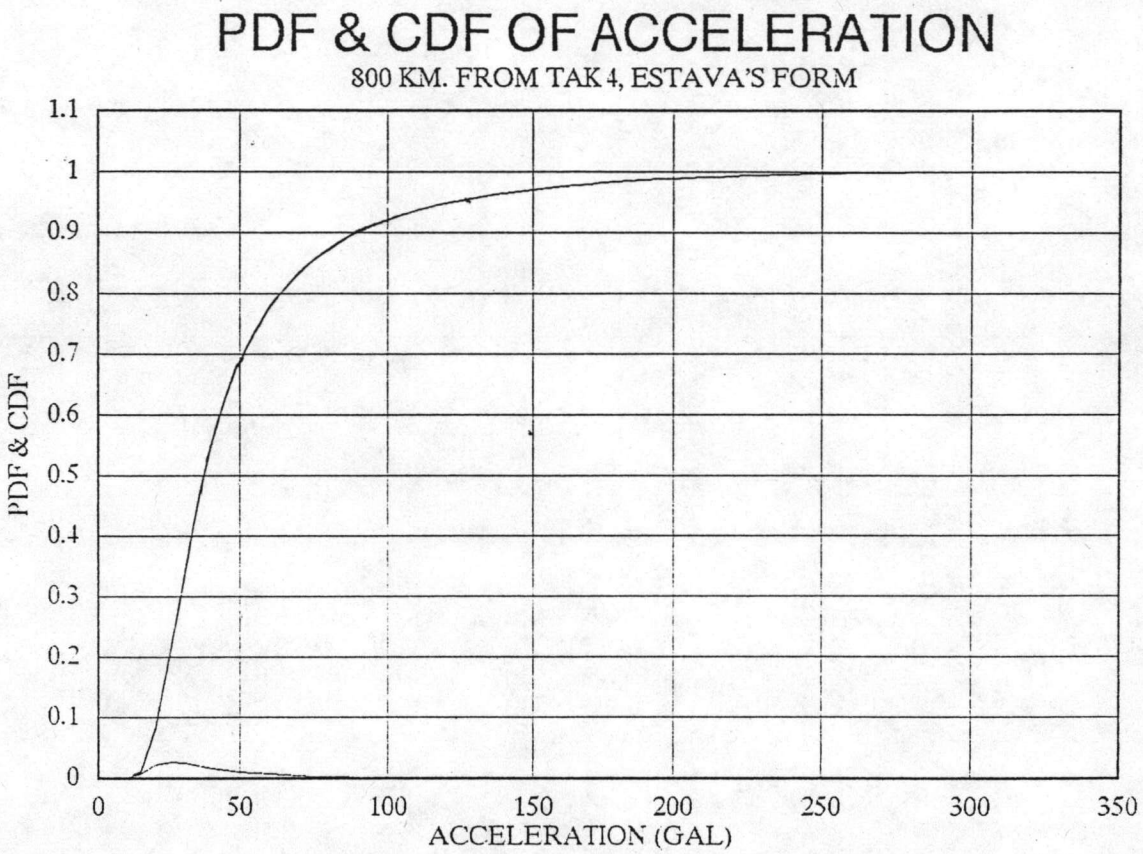

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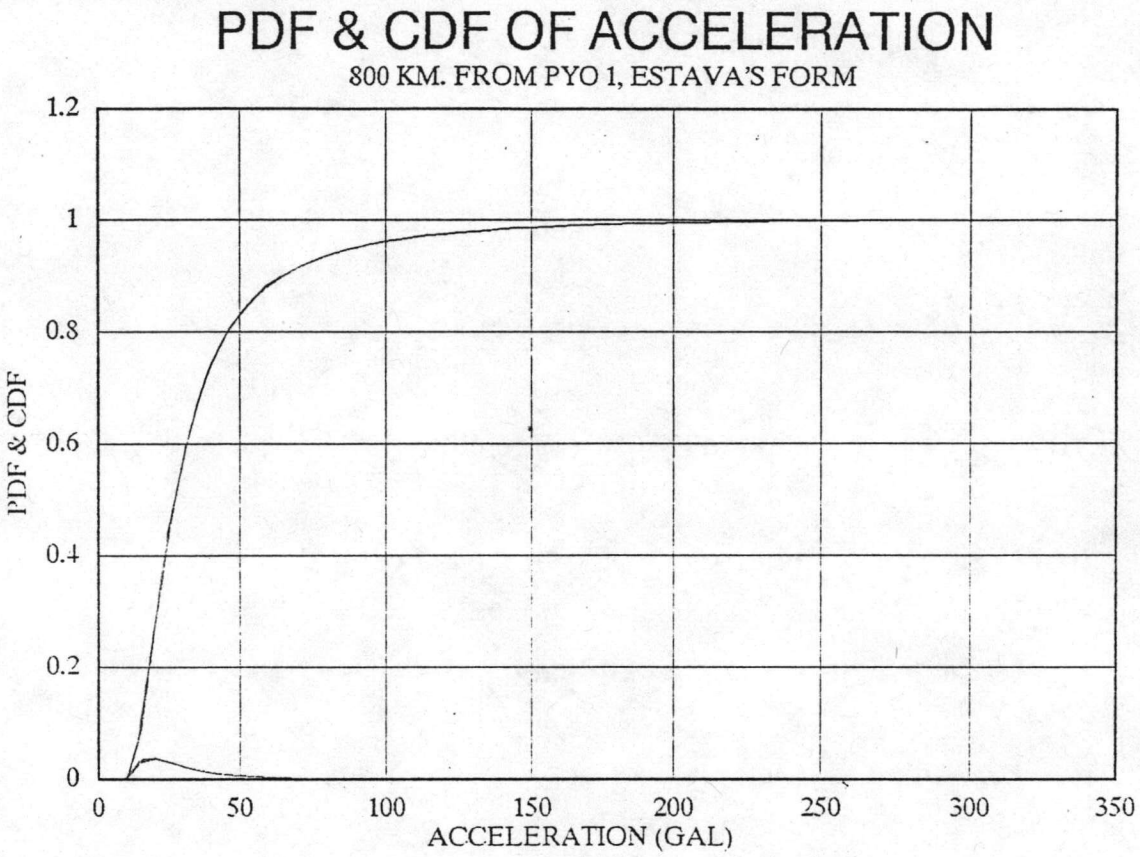

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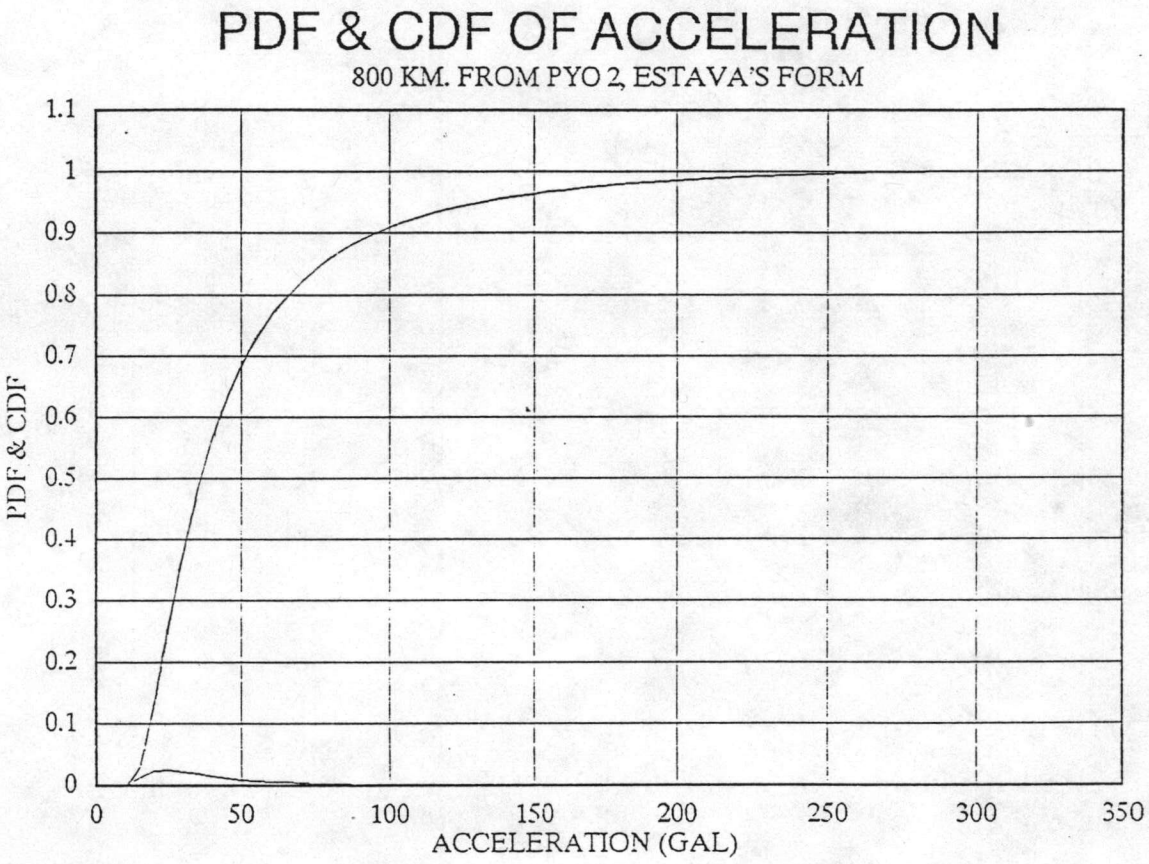

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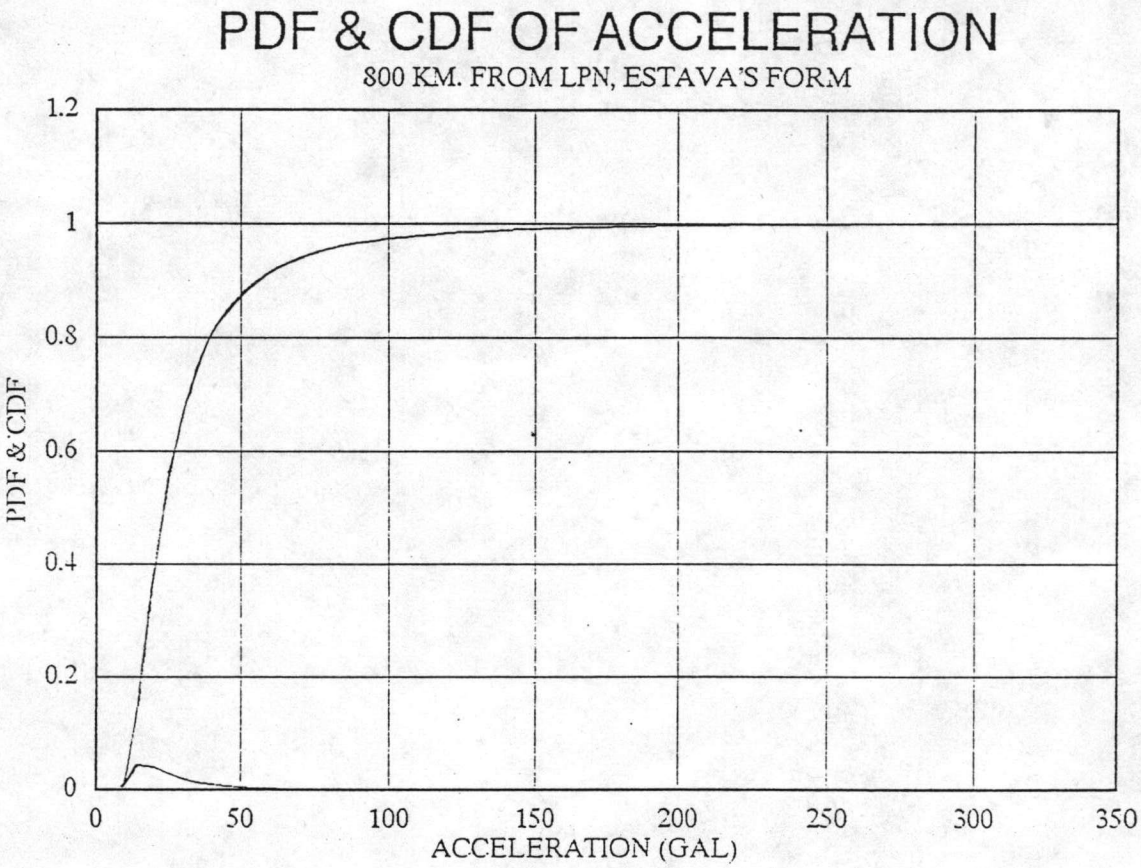

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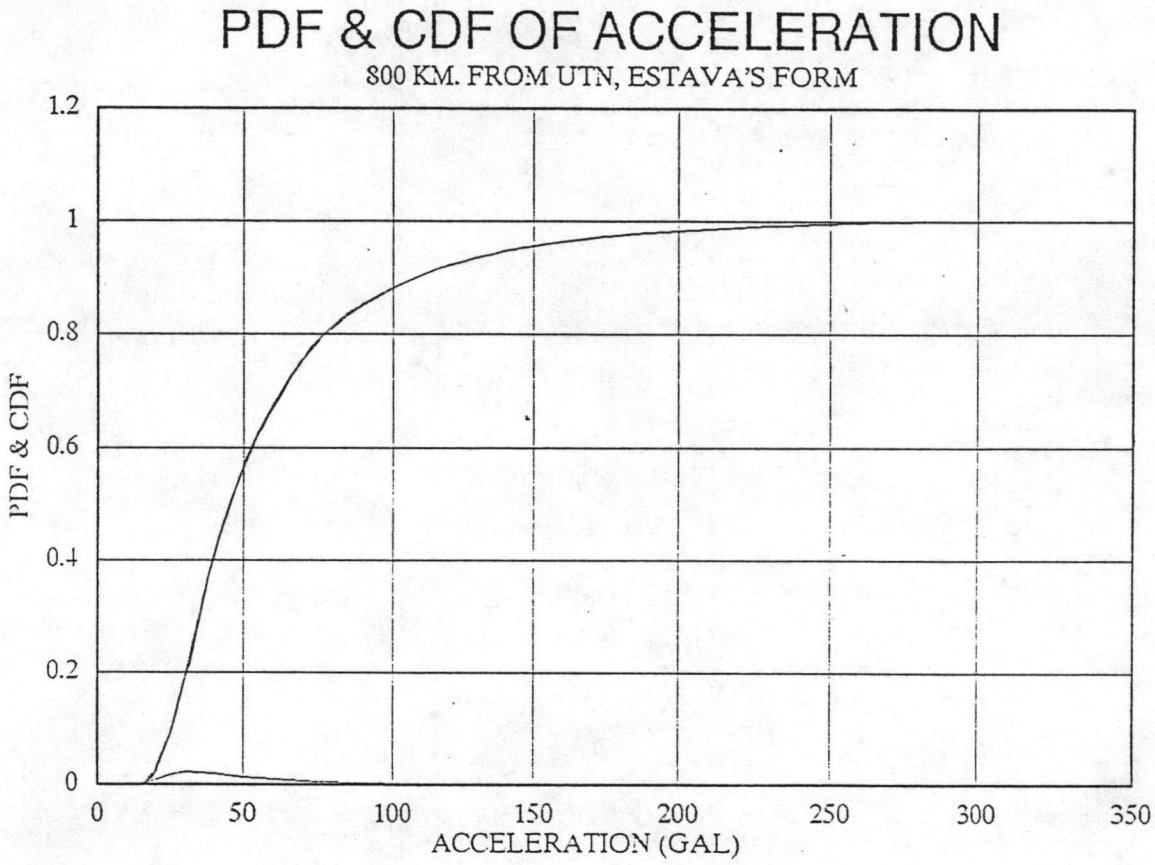

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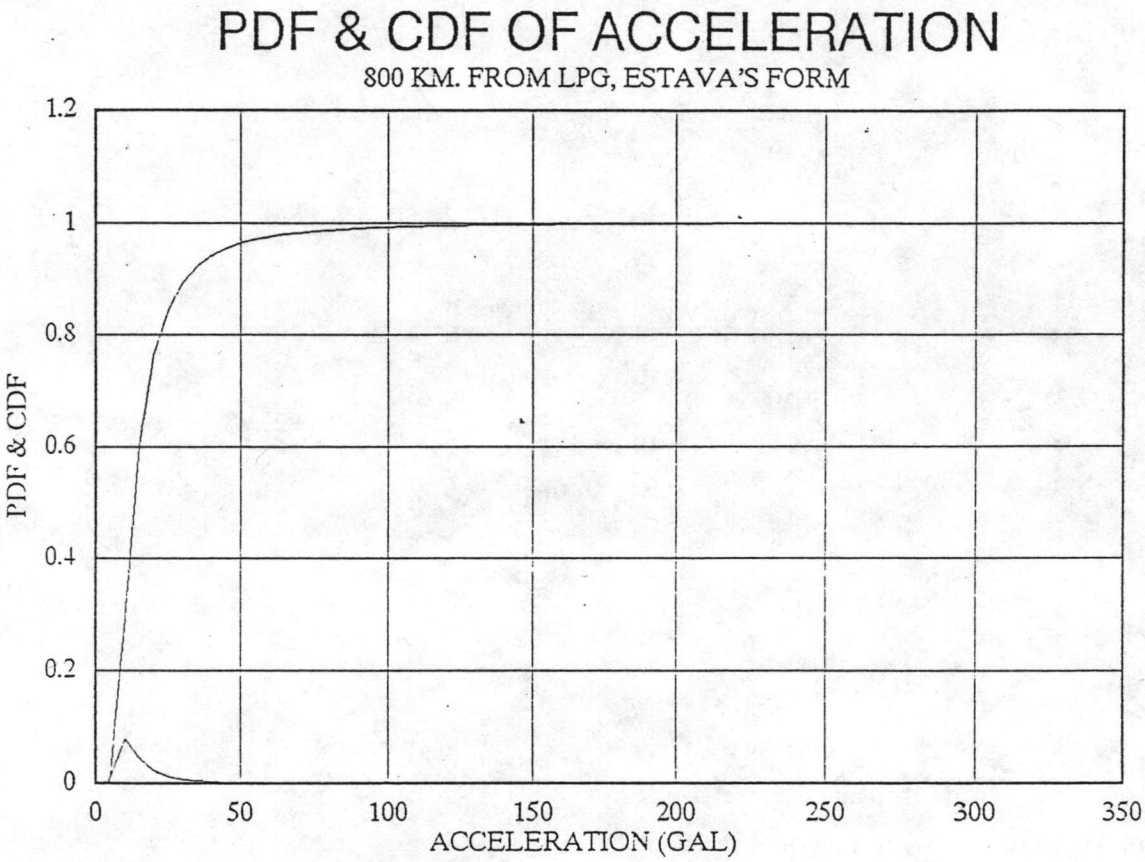

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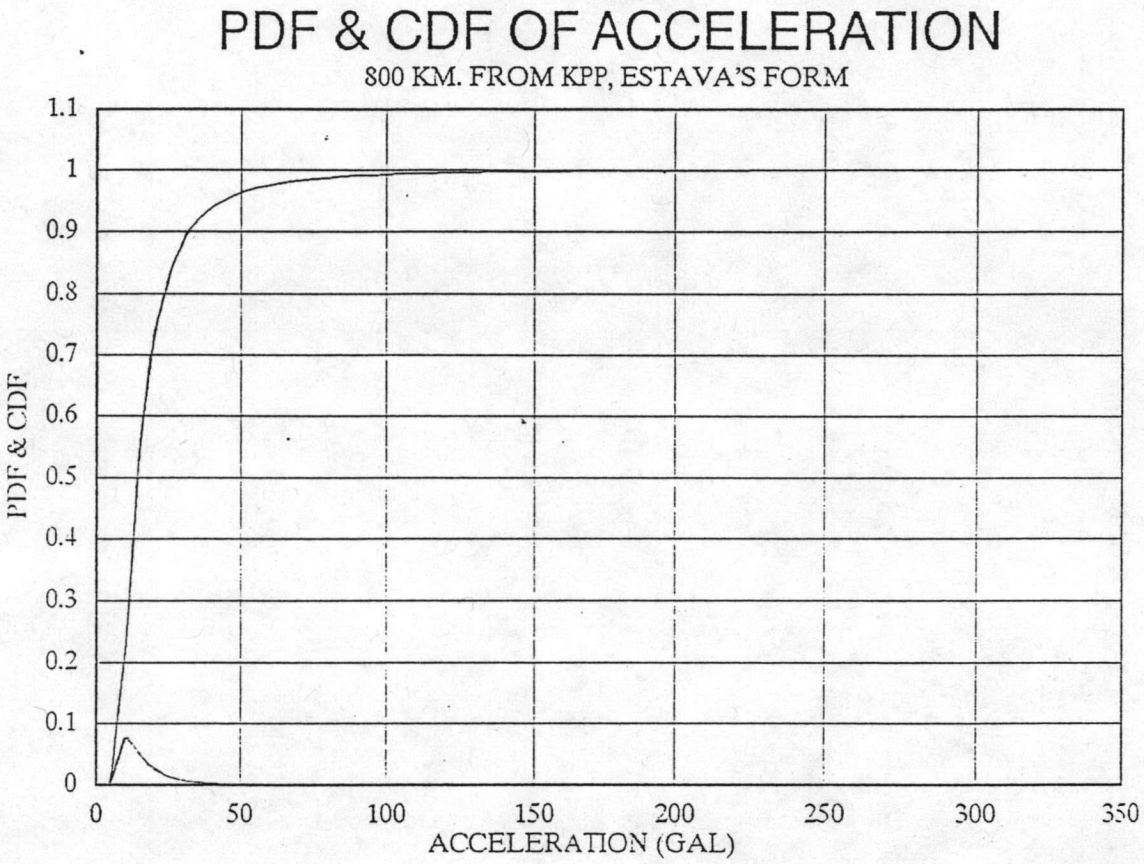

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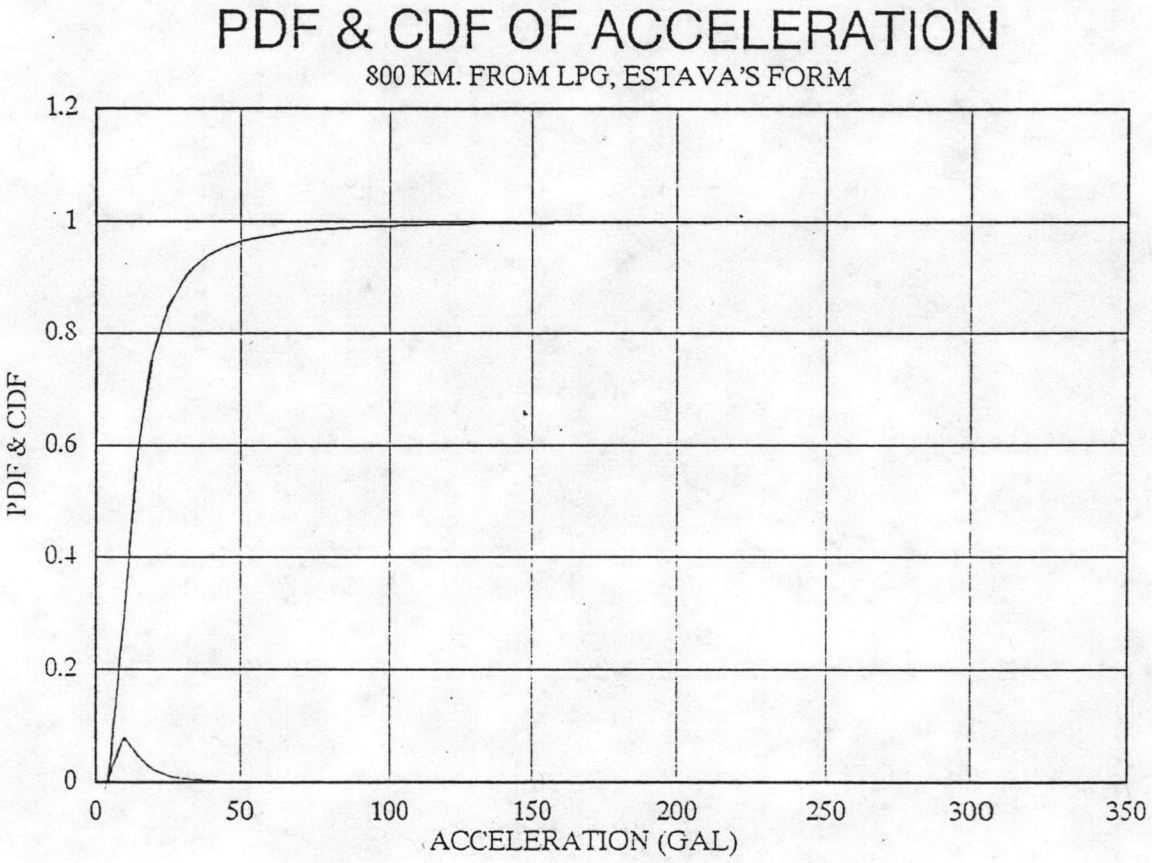

อำเภอเกิน จังหวัดลำปาง

ภาคผนวก ง.

แสดงค่าอัตราเร่งซึ่งได้จากการสุ่มของจุดต่าง ๆ

อ.ฝาง จ.เชียงใหม่

50.78762	93.83094	35.31826	65.27701	80.4073	59.30935	136.502	128.3816	125.8832	90.93242
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70.40293	93.63772	80.84449	53.00134	47.67217	147.0891	96.25486	78.76184	42.78894	158.936
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142.2698	53.03865	61.5504	98.27167	69.13115	119.5517	39.50502	57.07318	84.13206	110.8027
273.3054	90.95885	34.7961	96.434	55.59501	122.6497	57.8713	80.8455	64.97511	89.57088
47.46207	76.87336	63.20744	176.197	40.82207	78.14069	120.6783	47.04371	105.5963	63.31287
107.8375	209.5154	80.47297	66.52357	61.82923	66.47209	47.42272	67.40895	57.04121	86.15773
59.86664	84.80988	90.78076	281.4095	56.18419	35.85784	54.95196	82.52326	106.0942	57.20835
41.53898	100.3854	38.21974	72.56304	77.68188	93.59624	102.9209	125.3653	53.16031	28.99361
120.5277	40.41385	222.8399	57.7944	127.8723	64.98217	36.62118	161.3478	57.35356	116.2733
105.361	197.2191	102.4483	55.68443	69.06723	93.6776	50.73498	56.34837	29.7965	128.3854
34.04783	53.23501	66.86905	74.95153	72.87749	86.73239	60.76054	68.58485	90.12775	79.24915
47.87168	52.82084	87.30231	116.3857	162.9779	146.2463	234.613	65.91549	79.68146	156.9259
47.60015	231.394	62.55539	72.73177	93.64387	55.89191	193.2826	56.82174	90.39572	42.84923
88.48801	168.0452	129.2771	146.4932	51.00144	176.5681	72.20663	82.93864	91.25146	36.60027

อ.ฝาง จ.เชียงใหม่ (ต่อ)

78.03631	223.6025	62.05563	184.9481	136.4303	56.96921	141.8103	102.6048	66.11425	46.23868
194.131	153.0609	61.90813	220.5558	84.20979	125.9825	89.02877	136.6397	89.03487	91.14751
57.09505	62.71406	78.70473	31.27729	143.2731	71.78982	55.25487	43.36668	101.755	89.48677
71.50964	60.03664	240.8217	126.865	59.42639	34.89427	113.3459	152.2204	47.38667	235.5666
31.32919	77.79459	172.0522	86.43822	77.01437	84.69191	34.97906	103.0456	110.9967	117.487
46.10739	104.9208	94.32343	195.8352	95.54801	177.4311	39.37839	115.6012	65.7328	33.79576
104.7539	56.76864	23.4861	55.19069	279.7293	91.49853	57.16417	70.66342	183.2847	68.4064
66.41712	56.40015	63.44944	177.8874	65.06018	126.2438	59.57214	64.65913	85.16605	73.10421
132.0596	44.52778	113.5742	75.9884	47.24731	64.54643	98.08573	106.1381	52.5376	85.16894
146.6219	76.50474	62.34507	81.36676	66.04841	34.40264	67.42751	159.5919	46.65695	45.22195
55.65179	55.81347	109.8067	36.15101	81.06383	84.15866	79.66449	54.70883	45.69125	48.91674
55.4097	43.88215	70.44137	119.7554	187.627	53.00249	67.63879	36.7778	179.7753	62.99962
145.682	74.08196	70.86992	39.17305	44.31651	111.129	76.10108	34.97357	50.28697	93.85724
42.04735	87.95859	98.22041	259.9828	47.19486	90.60675	67.37238	46.33263	118.744	72.62063
125.8738	38.49147	207.3175	65.77968	67.52525	192.9824	62.65819	155.5642	90.05196	255.2588
106.6894	64.96114	121.3337	92.68701	78.61472	100.0607	42.90665	133.2054	176.8201	122.7911
63.46584	59.98026	172.7103	57.67695	55.02828	61.03117	149.2029	68.62808	158.4429	137.531
48.26716	93.59219	53.59903	58.38709	81.75952	64.68085	241.9888	82.84226	80.75963	57.31668
107.0728	53.60611	138.6482	114.9821	63.16877	173.8143	83.32952	73.20608	140.913	45.90499
71.4478	35.53201	100.7566	72.34838	36.82004	136.9249	90.92772	50.39952	150.6248	102.7853
119.5311	95.50171	109.5353	68.09904	52.00286	106.3714	41.94609	59.59636	84.57427	71.39514
69.30167	43.51577	159.0658	102.0283	66.28532	45.88962	67.1891	59.19393	220.4743	72.28973
77.20142	57.64979	61.69296	105.8056	58.18739	53.38731	128.4989	81.46004	70.53133	73.99235
136.7824	91.62192	60.33277	58.03102	56.42625	40.29568	87.62694	164.4366	154.839	141.9046
175.893	63.33903	46.01262	133.3805	43.5452	57.9682	89.24097	39.64093	61.20595	161.5227
151.3676	37.38751	155.6109	56.37973	153.1919	47.92734	119.7317	61.64605	135.0203	90.87454
89.66354	171.9054	89.86274	46.42509	63.33653	89.87246	64.32765	43.69638	39.92418	109.5202
47.83155	155.9972	139.3807	60.13381	118.5709	69.43998	55.64209	45.68818	83.47483	74.63447
37.10391	67.72676	46.19825	143.6482	121.043	68.49158	110.1282	99.17928	75.90118	76.90689
151.7503	77.68055	69.62504	47.38259	47.16461	69.58095	138.4844	215.7755	55.3766	135.8471
57.0426	156.0386	59.03665	38.11561	101.0567	74.07636	73.18938	161.7459	269.3291	232.6112
82.81893	45.43562	190.3156	83.9393	53.62115	47.27249	79.9549	70.02398	285.6442	60.38611
97.71608	60.58915	193.5919	63.12296	70.16448	55.13059	124.889	38.66274	66.5866	122.8364
55.87555	63.74991	125.147	154.9208	118.6904	109.8402	132.0788	47.01454	115.4356	45.64164
66.52419	72.28201	44.85012	64.57262	259.8356	45.93091	86.76948	60.98796	104.5507	73.998
131.8259	82.37028	47.93352	39.77634	76.31388	85.58346	68.15067	48.90357	73.59297	268.867
79.07431	86.96644	131.8004	49.68892	66.8797	85.29933	33.05362	114.3276	37.95677	177.0201
126.7149	67.66519	49.44712	127.2403	71.43507	104.752	42.41754	84.2794	102.5205	54.50769
176.7226	62.75059	45.41438	120.9085	74.64955	93.40908	126.193	56.25824	56.52075	115.1119

อ.ฝาง จ.เชียงใหม่ (ต่อ)

37.14316	45.06133	42.89689	42.31057	211.199	119.2934	65.39544	64.34061	112.3349	149.247
47.40281	59.45991	54.70136	75.26262	80.41627	99.57294	48.89832	63.90568	120.6545	82.46407
256.8366	93.99025	77.56925	62.27681	56.77542	75.41767	149.326	55.48762	52.82259	227.6678
55.24544	34.97808	89.18859	63.63868	175.7831	81.98983	109.7241	48.9221	66.14324	162.7303
44.99021	63.26891	93.25445	95.0535	54.35384	44.42159	88.91291	176.5416	121.1411	168.5228
77.98698	32.52061	87.8975	92.34461	90.43892	75.72931	84.62573	103.963	96.49139	83.06717
64.43148	56.97392	154.1083	84.72705	225.2214	63.03281	112.1144	69.93165	107.3652	149.9661
55.8243	44.38997	90.86496	69.74272	57.84281	62.60007	118.6467	102.3686	79.06839	95.95663
76.93238	41.13215	88.82238	54.89686	71.60689	32.5848	118.9844	43.51812	61.1463	56.88801
43.82991	111.4215	41.96598	102.2294	275.5728	89.08008	70.3641	69.61943	42.50067	42.50891
80.26452	60.60944	56.62835	60.22215	96.3087	72.59285	136.9129	34.92659	117.527	228.4361
110.8369	122.1664	41.78533	35.43498	190.9769	42.7811	77.00557	45.49697	207.6428	94.70785
210.7244	70.85904	38.57899	158.5525	79.49638	208.7401	55.53418	70.78176	124.7128	51.7479
45.53784	230.6743	129.8052	85.35494	112.2447	112.9276	66.22781	104.9255	41.37637	101.3437
31.89573	65.93911	54.74309	95.67828	76.48495	38.25914	102.6892	79.61505	78.83313	68.63947
40.53197	74.87616	82.54819	66.26823	110.0315	100.2971	43.98307	52.16482	41.04769	148.8971
62.65308	131.1721	43.77454	76.25588	164.7667	179.3472	36.16716	58.86178	58.54965	117.3459
40.75494	121.8948	69.43176	103.2741	82.19778	91.77908	68.58629	157.6134	110.2902	35.37729
51.89659	80.4876	92.9031	49.90095	114.9377	33.20277	74.2026	67.20542	76.27793	85.97814
109.6828	107.1363	128.2789	157.6299	59.3416	120.378	34.51874	89.13431	66.97501	60.40966
101.5407	77.13263	270.3396	53.80147	111.9868	58.86794	91.05404	116.8177	50.40057	43.43964
234.1666	63.38228	39.60609	48.94579	66.88415	72.21694	68.51517	56.31187	31.51317	47.66725

mean = 90.37001
sd = 49.95602
n = 1000

อ.สังขละบุรี จ.กาญจนบุรี

29.95818	94.22145	38.60893	33.98438	32.40918	78.03567	26.68464	65.40643	53.61388	43.02061
47.6659	97.6231	31.95531	48.17538	33.97797	83.4047	38.40013	54.1261	33.40457	75.9954
56.31941	131.2158	27.24751	51.47104	61.95368	21.45345	34.5882	91.12114	164.4768	45.0689
92.63508	57.31886	40.84873	35.2087	45.07461	46.71257	55.51329	37.91416	32.14952	110.0451
27.92715	55.43504	189.0652	37.15269	62.21811	46.69241	29.45943	104.6566	46.30935	45.80018
30.78962	115.3656	30.72384	71.38389	41.71785	44.52332	80.3835	33.80026	49.72033	25.14747
38.41164	55.18744	25.91458	35.45308	45.39712	50.13061	30.52131	51.31626	35.25881	143.8757
54.87806	38.15033	33.7104	20.02104	99.39511	80.53587	44.15346	20.90869	48.83741	60.34136
39.78964	33.93669	42.98163	49.48727	27.01336	40.34788	24.74759	27.45762	137.5596	31.05549
78.11585	23.97034	33.74509	153.6565	44.93117	33.25903	41.10525	18.47946	67.63236	26.79239
43.58266	47.1136	55.73624	88.52634	44.92734	28.45225	21.70581	83.53518	83.48304	23.33273
57.94888	39.56051	73.75687	26.08083	46.62501	86.2118	81.27881	28.06074	53.49071	43.50268
39.18017	30.71233	49.22328	213.4159	92.17496	36.8419	28.21459	69.9017	32.42781	70.98131
28.47735	58.69338	54.66415	33.00317	71.50226	36.83515	62.7776	88.75901	84.78143	40.89155
36.08109	44.13929	82.82684	99.78855	40.03406	40.32934	109.1096	36.03613	24.74782	30.36664
26.94898	109.3045	241.1401	61.76195	42.17553	60.31165	47.80636	54.54903	100.5034	78.97521
42.95333	87.20616	283.216	62.78274	54.7591	41.46324	82.9807	34.62734	39.94239	57.38695
87.8487	24.0581	36.873	36.99844	40.91552	28.63539	32.31647	31.32389	256.2721	62.83327
29.10121	152.5436	36.85647	39.55003	32.80485	56.22409	74.9981	32.2165	102.092	42.18508
60.96739	44.9217	46.98764	94.13851	21.22318	28.56495	90.84166	111.356	42.53245	48.05868
29.05485	56.8985	84.22645	40.54571	53.18741	125.3709	36.65957	40.05039	90.74241	30.38538
128.5952	74.77707	88.29219	114.9373	50.19946	59.09543	174.3126	129.3195	28.07099	24.69219
55.27338	27.18057	167.4537	31.38027	97.63253	58.18143	71.22201	61.32458	26.92639	67.82399
137.777	201.0542	85.38785	33.38933	26.57162	54.3551	37.31012	148.28	27.19968	28.15273
67.81657	21.67256	45.74402	43.40844	84.89815	47.49631	34.92607	24.95244	45.24348	83.42096
48.61219	84.17285	52.59899	58.19386	159.8036	41.74729	93.94247	68.44529	28.70323	68.09805
71.80777	39.20223	66.81281	32.83248	147.8597	31.56642	111.5077	38.28071	109.6247	115.8718
124.1282	36.14058	28.68381	13.71655	50.26411	27.00357	34.6327	39.46456	31.75408	56.52302
46.41373	29.15748	77.69957	67.83517	37.63127	31.5326	38.79839	92.66265	29.31748	42.11412
36.3344	55.66095	31.38672	34.61668	42.37927	59.84468	44.48125	46.85358	72.86111	56.23649
29.3496	82.65185	94.07008	43.13691	29.35966	40.78688	286.5043	36.72491	162.0413	122.4915
71.96691	43.07302	52.92076	53.81917	45.99286	139.3513	138.2707	49.02786	39.93811	31.9015
45.76882	40.93442	36.90621	34.52258	46.26871	36.10905	57.82575	36.59854	37.45947	30.55021
28.81571	98.74035	28.80886	46.05677	63.30424	58.58275	38.17693	51.43953	46.37601	78.19758
27.99275	59.91345	105.2335	63.12747	64.0676	74.37691	69.07325	42.83952	72.98939	109.222
29.94003	36.75784	87.37573	114.2107	82.49077	81.64758	65.17512	29.09174	55.57281	218.1347
26.48642	37.52508	46.94293	88.42956	44.72645	239.5078	49.15895	21.69571	31.70561	54.60683
55.16256	29.11101	41.58183	120.9989	38.17361	41.4268	26.19775	47.55293	31.35493	46.17493
42.21165	23.61154	60.86175	51.86678	36.20343	20.56093	37.78776	53.28923	60.21515	63.84238

อ.สังขละบุรี จ.กาญจนบุรี (ต่อ)

54.59316	88.3322	41.5361	33.79598	142.0853	60.93934	231.6337	65.65723	41.22895	29.76503
34.92412	38.32355	97.25081	48.50081	49.58369	66.85649	86.94922	38.52055	49.49586	32.19565
27.40847	97.31016	39.00416	76.01915	87.07804	64.76899	34.71205	77.33535	49.52066	35.97895
31.45011	71.01389	68.01013	143.9934	41.80253	45.54374	25.05873	29.74747	155.0291	47.53492
43.67589	51.61467	39.33417	78.53957	46.57783	233.4023	22.23543	31.45031	85.6655	28.34517
36.21846	45.82881	31.32686	26.68331	36.32231	33.13481	173.4244	33.07606	19.65796	55.94805
87.63846	64.33307	38.83354	18.13846	58.94694	45.27469	66.48959	41.19586	42.6405	28.92142
80.79163	81.01769	59.65081	25.35914	120.1483	41.43943	29.68793	52.65634	30.77522	56.02027
69.23771	97.62988	48.38214	35.55372	44.66656	52.60167	33.43226	28.77618	27.08875	45.12863
218.681	44.35863	48.70345	117.8538	116.6169	36.22764	82.95262	31.31528	79.7475	54.82533
69.19607	159.0584	21.13596	62.42179	41.58138	74.23911	29.65064	32.5703	185.7474	40.31424
101.5872	34.39418	74.79332	42.18841	66.79983	50.3104	28.70058	81.66189	81.90747	59.14984
35.19327	75.06045	32.12409	42.24635	156.9478	53.0294	22.04056	75.98622	73.84894	37.37551
35.04758	234.5625	25.72566	31.17317	33.95809	41.77093	41.32387	97.19458	87.31961	36.50053
94.5938	59.32454	22.14841	59.48583	37.33845	24.81408	55.81403	133.9613	62.23456	18.99739
16.81073	36.95245	100.2827	30.31421	16.81137	37.64011	37.70446	28.39637	87.24455	45.14232
112.655	115.4483	53.92254	23.2328	23.64164	48.59643	85.3496	55.59108	50.55993	35.70849
34.12063	216.506	120.5082	68.64263	197.937	20.77807	43.25033	73.24503	30.60164	160.3678
62.13211	40.0281	40.50524	32.51444	27.50367	22.98847	58.10927	149.5517	61.0999	51.19388
28.69378	44.27916	29.0213	87.70367	91.87181	42.86159	52.25226	37.47759	55.32938	30.19932
32.27565	151.7848	45.66784	23.46411	50.45819	33.33804	125.6947	67.11223	48.81734	55.81244
56.49694	51.61993	50.65723	32.02275	57.6833	58.58079	16.30798	54.38754	157.2143	66.88703
71.1452	33.21319	34.79694	34.28554	39.82912	50.21794	25.6914	35.86228	50.60987	24.69647
67.48909	29.89764	20.70429	23.71321	129.8341	95.18604	140.2936	58.70478	53.19716	20.90976
60.57543	43.85151	32.23826	18.97984	69.86157	53.18684	79.80101	16.94472	47.9601	54.63541
41.60996	135.7988	74.19869	29.7268	49.07266	50.12117	114.2198	26.66082	36.03978	40.73396
55.4066	40.28745	180.1411	60.72609	75.16343	26.23683	35.69015	48.64406	108.0151	24.34365
48.92501	58.6835	105.4174	63.88634	113.8029	43.44951	35.12694	36.33815	201.9129	53.36972
77.98187	42.06775	58.69071	29.2608	37.54208	49.54148	40.97226	60.28845	65.70998	45.12481
104.8814	31.20501	20.89085	30.04356	67.97266	37.71486	80.03308	127.4128	31.16756	30.74783
51.30881	51.30324	35.7314	57.80254	28.74844	43.72623	62.47086	82.35858	100.7887	30.28649
112.4439	34.64282	28.08305	28.83166	43.39494	68.05233	29.13991	53.61042	64.26451	61.74418
59.77856	43.35864	65.63706	62.88819	36.75895	33.51579	38.08037	62.43876	179.5242	88.37481
24.72006	106.7674	26.26305	32.09524	59.59146	27.41216	25.81695	63.21904	30.32542	25.87182
67.45452	81.98027	32.51633	81.26568	26.81067	31.43817	37.71582	29.40543	59.82748	53.60174
99.85668	41.18023	38.98846	40.50388	72.19779	23.17487	60.64932	41.1967	63.80683	47.30842
49.30511	33.43629	57.11817	47.80064	27.79192	40.66614	36.74616	56.19812	83.66805	43.10603
63.26407	73.35318	32.66264	45.49513	37.45085	27.30393	89.17153	23.16216	188.7737	38.75892
32.4122	124.9545	61.25877	66.02679	58.53309	59.671	44.13898	67.00133	40.7017	20.60421

อ.สังขละบุรี จ.กาญจนบุรี (ต่อ)

54.29942	114.5719	60.27899	30.3882	157.6477	78.02536	31.70554	52.60593	30.33943	30.99608
105.4235	131.2004	77.3706	60.62829	18.73208	23.73272	43.01812	69.80626	32.21314	56.52521
112.3496	35.52561	28.92381	58.24306	59.87875	28.46529	47.28787	25.79117	31.27733	71.78852
35.77366	28.33163	59.95039	21.62451	85.61726	92.03947	75.88665	46.0982	31.20076	43.50081
77.62437	28.01713	100.0684	70.49064	36.2448	24.89458	283.2192	63.10922	21.09161	44.91859
54.26245	37.31572	148.484	148.9677	59.56721	22.5955	35.34972	43.5132	49.44586	125.0516
130.3671	94.48274	121.8034	60.97683	185.701	24.23254	113.7885	18.77711	151.4709	39.71536
30.96001	53.81107	77.4223	34.58407	37.20823	50.55677	49.48222	93.52229	47.24138	65.11059
37.19208	75.34287	32.49361	37.73094	46.83346	38.05356	34.99971	36.2176	30.40165	95.53495
49.60581	28.8493	53.88687	54.7844	47.10805	28.87748	43.44194	204.648	38.98198	29.93401
28.78204	29.13367	40.94295	26.91446	150.44	62.57334	34.19077	27.19166	49.26632	57.75267
30.05745	72.24346	100.9165	60.82906	37.83352	71.17917	177.6065	46.57955	44.223	51.70846
54.39214	108.5826	21.45438	41.33716	30.2022	34.4376	118.3343	25.8213	164.3676	38.67056
55.66294	52.23341	29.28176	70.5811	45.57406	56.1602	52.18528	44.73229	62.09423	52.66353
69.53964	34.88659	44.15132	40.27382	43.20016	44.9949	53.26241	146.7356	29.28215	103.9934
48.76288	114.3917	34.96699	31.72035	26.47226	183.2896	51.86353	51.49401	122.3061	31.18076
24.35474	36.80565	25.32513	42.53009	75.79759	29.78318	77.17475	32.64096	39.98905	36.23586
81.00606	69.7816	39.16962	51.13084	52.90962	31.37264	23.73809	60.80443	40.17645	234.597
31.60298	45.6231	43.95984	48.93613	43.28032	111.0985	22.84589	53.62007	68.272	24.31958
47.82383	30.19155	40.59879	27.70851	57.85312	32.59542	39.22163	39.28251	30.38371	37.41812
44.09608	21.24267	141.719	85.68053	29.19814	29.79166	88.51017	44.82589	82.16903	51.074
43.40157	69.74512	29.0278	28.2312	41.16542	50.21817	28.57628	72.2504	55.28587	51.81225

mean = 59.63832
sd = 40.00473
n = 1000

อ.ฝาง จ.เชียงใหม่ (ลดขนาดอัตราเร่งเฉลี่ยเหลือ = 75 gals)

42.14973	77.87231	29.31138	54.17479	66.73174	49.2221	113.2859	106.5466	104.4731	75.46677
96.39094	50.6638	37.61012	133.9008	33.78849	35.24377	35.6089	98.57025	49.30024	36.45997
81.09368	151.2776	51.93885	41.87302	79.64669	123.2964	37.36803	46.69302	34.6401	43.89856
105.1155	187.2302	42.49926	128.3101	61.80954	101.0123	68.6586	167.4346	62.67465	241.533
43.20026	94.53574	42.73526	80.73332	46.03133	41.45686	120.6658	55.64366	58.06123	26.50228
69.63193	121.7993	41.56004	66.35941	26.02951	49.02237	175.958	51.07399	77.18917	69.98808
26.6968	61.96241	66.86607	39.0643	32.40259	69.10809	151.8562	54.39265	49.11121	31.44192
84.03811	91.52462	48.16071	38.69375	51.47561	59.08086	74.59672	111.1394	178.1757	54.08627
30.39995	133.0851	48.50481	36.9004	53.44246	94.58312	69.22801	117.8088	29.92386	49.94049
70.46634	48.03871	41.51476	109.197	22.53218	41.76669	32.48186	40.40418	43.46173	71.76877
86.95666	55.93336	91.74123	87.84188	88.42707	126.7923	108.5735	31.40644	41.8792	46.77915
108.1156	72.89771	78.12665	65.30458	49.12451	63.92839	31.79035	118.4747	81.3842	46.24458
71.65532	38.677	46.32927	187.0925	33.71513	33.77468	59.36529	45.39559	131.9357	75.89396
225.2556	77.20452	94.61412	56.9147	54.67769	30.04412	221.4838	63.41108	159.7105	71.00482
75.51612	36.43552	42.12749	115.9042	43.9044	52.41013	41.52079	54.60581	90.89346	41.44124
110.1267	26.1082	46.32128	121.5219	56.69699	28.85666	48.86562	41.99387	33.2521	53.3557
58.4289	77.71195	67.09458	43.98695	39.56415	122.0724	79.88397	65.36614	35.51146	131.9044
53.64829	44.16565	53.85593	169.8193	105.7803	44.42876	159.8216	45.82038	52.79366	73.56206
49.51634	34.00675	45.58092	176.0633	46.85418	75.20572	100.0246	93.68501	222.4945	50.00518
44.77255	145.162	38.98312	36.0991	60.4719	49.04681	50.23925	55.90132	42.98273	71.83583
80.29152	58.46696	40.14243	164.2362	43.32583	102.7876	78.25953	178.7886	42.61612	60.45708
37.518	48.3116	75.37233	84.54419	138.4436	32.78659	53.57172	60.94432	28.94635	47.64144
152.9509	47.13057	63.69603	132.2354	76.93604	55.71954	52.84695	108.1503	141.0713	86.60969
80.16463	86.60025	73.27838	110.9847	48.4629	40.60954	58.24165	77.44528	150.7849	68.62167
57.93056	63.70899	61.58713	56.09957	96.38492	102.0432	118.462	214.6663	127.1159	43.29098
75.76182	64.92231	80.67188	45.98925	30.92249	43.42202	37.82445	60.83875	74.05134	46.99526
111.459	114.9147	28.10609	52.17545	65.65401	27.41481	49.02024	56.71824	165.9198	38.57249
118.0727	44.01791	51.08199	81.55776	57.37342	99.21856	32.78606	47.36626	69.823	91.95752
226.822	75.4887	28.87803	80.03264	46.13949	101.7896	48.02863	67.09541	53.92423	74.33679
39.38979	63.79885	52.45721	146.2297	33.87911	64.85064	100.1535	39.04258	87.63667	52.54471
89.49665	173.8813	66.78624	55.20934	51.3134	55.16661	39.35714	55.94413	47.33972	71.50415
49.68461	70.38554	75.3409	233.5478	46.62846	29.75919	45.60581	68.48782	88.04986	47.47843
34.47409	83.312	31.71938	60.22163	64.46986	77.67753	85.41627	104.0434	44.11888	24.06242
100.0285	33.54032	184.9396	47.96481	106.124	53.9301	30.3927	133.906	47.59895	96.49769
87.44132	163.6764	85.02406	46.2137	57.32038	77.74505	42.10605	46.76472	24.72876	106.5498
28.25703	44.18087	55.49605	62.20388	60.48259	71.98107	50.42648	56.92004	74.79895	65.77057
39.72973	43.83715	72.45406	96.591	135.2588	121.373	194.7104	54.70468	66.12935	130.2362
39.50438	192.0388	51.91606	60.36166	77.71705	46.38589	160.4094	47.15758	75.02134	35.5615
73.43809	139.4643	107.2898	121.5778	42.32719	146.5376	59.92583	68.83256	75.73154	30.37535

อ.ฝาง จ.เชียงใหม่ (ลดขนาดอัตราเร่งเฉลี่ยเหลือ = 75 gals) (ต่อ)

64.764	185.5725	51.5013	153.4924	113.2264	47.27997	117.6914	85.15392	54.86963	38.37447
161.1135	127.0285	51.37888	183.044	69.88751	104.5555	73.88688	113.4002	73.89194	75.64527
47.3844	52.04774	65.31874	25.95769	118.9054	59.57991	45.8572	35.99094	84.44868	74.26699
59.34738	49.82569	199.8631	105.2879	49.31923	28.95951	94.06822	126.3309	39.32721	195.5018
26.00077	64.5634	142.7898	71.73693	63.91588	70.28763	29.02987	85.51972	92.11852	97.505
38.26551	87.076	78.28104	162.5278	79.29734	147.2538	32.68097	95.93988	54.55306	28.04782
86.93749	47.11351	19.49162	45.80393	232.1533	75.93659	47.44177	58.64509	152.1119	56.77194
55.12099	46.80769	52.65805	147.6325	53.99484	104.7724	49.44019	53.662	70.68113	60.67075
109.5991	36.95456	94.25767	63.0644	39.21155	53.56847	81.40345	88.0863	43.60208	70.68352
121.6846	63.49292	51.74151	67.52802	54.81499	28.55149	55.95954	132.4488	38.7216	37.53067
46.18661	46.32079	91.13092	30.0025	67.27661	69.84507	66.11527	45.40403	37.92015	40.59705
45.9857	36.41874	58.4608	99.38753	155.7156	43.9879	56.13488	30.52269	149.1994	52.28474
120.9046	61.48221	58.81646	32.51055	36.77922	92.22835	63.15792	29.02532	41.73423	77.89414
34.896	72.99872	81.51523	215.7653	39.16803	75.19648	55.91378	38.45244	98.5482	60.26942
104.4653	31.9449	172.0573	54.59197	56.04065	160.1603	52.00137	129.106	74.73605	211.8447
88.54382	53.91264	100.6975	76.92294	65.24404	83.04251	35.60915	110.55	146.7468	101.9069
52.67166	49.77891	143.336	47.86734	45.66915	50.65108	123.8267	56.95592	131.4951	114.1399
40.05795	77.67417	44.48298	48.4567	67.85398	53.68003	200.8317	68.75257	67.02415	47.56834
88.86199	44.48886	115.0671	95.42612	52.42512	144.2523	69.15695	60.7553	116.9467	38.09754
59.29606	29.48878	83.62009	60.04347	30.55774	113.6369	75.46287	41.82765	125.0067	85.30374
99.20144	79.25891	90.90565	56.51686	43.15829	88.27993	34.81196	49.46029	70.19	59.25236
57.51494	36.11467	132.0121	84.67544	55.01161	38.08478	55.76167	49.12631	182.9764	59.9948
64.07111	47.8448	51.20031	87.81031	48.29096	44.30727	106.644	67.60543	58.53546	61.40784
113.5186	76.039	50.07146	48.16119	46.82936	33.44225	72.72347	136.4694	128.5042	117.7696
145.9774	52.56642	38.18686	110.6953	36.1391	48.10905	74.063	32.89885	50.79613	134.0512
125.6232	31.0287	129.1448	46.79075	127.1373	39.77593	99.36792	51.16138	112.0562	75.41873
74.4137	142.668	74.57901	38.52918	52.56434	74.58708	53.3869	36.26456	33.13393	90.89319
39.69643	129.4654	115.675	49.90634	98.40451	57.62973	46.17856	37.9176	69.27755	61.94075
30.79333	56.20789	38.34092	119.2168	100.4562	56.84263	91.39774	82.31101	62.99202	63.82668
125.9408	64.46876	57.78331	39.32383	39.14292	57.74672	114.9312	179.0767	45.95823	112.7424
47.34087	129.4997	48.99578	31.63296	83.86911	61.47756	60.74144	134.2364	223.522	193.049
68.7332	37.708	157.947	69.66302	44.50134	39.23245	66.35629	58.1144	237.0622	50.11573
81.09667	50.28424	160.6661	52.3871	58.231	45.75406	103.648	32.08704	55.26165	101.9446
46.37232	52.90742	103.8621	128.5721	98.50371	91.15876	109.615	39.01837	95.80249	37.87897
55.20985	59.98839	37.22207	53.5902	215.6431	38.11905	72.01185	50.61522	86.76885	61.41253
109.4052	68.36086	39.78106	33.01124	63.33453	71.02755	56.5597	40.58612	61.07638	223.1384
65.62546	72.17531	109.384	41.2379	55.50489	70.79175	27.4319	94.88291	31.50114	146.9128
105.1634	56.15679	41.03723	105.5995	59.28549	86.93589	35.20323	69.94528	85.08395	45.2371
146.6659	52.07806	37.69037	100.3445	61.95326	77.5222	104.7303	46.68992	46.90778	95.53379

อ.ฝาง จ.เชียงใหม่ (ลดขนาดอัตราเร่งเฉลี่ยเหลือ = 75 gals) (ต่อ)

30.8259	37.39736	35.60105	35.11445	175.2786	99.00417	54.27308	53.39765	93.2291	123.8633
39.34061	49.34705	45.39783	62.46206	66.73919	82.63772	40.58177	53.03669	100.1338	68.4387
213.1542	78.00452	64.37639	51.68486	47.11914	62.59074	123.9288	46.05037	43.8386	188.9464
45.84938	29.02906	74.01952	52.8151	145.8861	68.04512	91.06239	40.6015	54.89369	135.0534
37.33834	52.50823	77.39387	78.88694	45.10942	36.86643	73.79073	146.5157	100.5376	139.8607
64.72306	26.98955	72.94802	76.63877	75.0572	62.84938	70.23271	86.2811	80.08028	68.93923
53.47307	47.28388	127.8977	70.31679	186.9161	52.31228	93.04615	58.03777	89.10471	124.4601
46.32978	36.84019	75.41078	57.88098	48.00499	51.95314	98.4674	84.95787	65.62055	79.63646
63.84783	34.13646	73.7156	45.56008	59.42809	27.04282	98.74773	36.11662	50.74663	47.21258
36.37538	92.47105	34.82847	84.84238	228.7037	73.92947	58.39668	57.77866	35.27222	35.27905
66.61324	50.30107	46.99708	49.97965	79.92865	60.24637	113.6269	28.98632	97.53822	189.584
91.98595	101.3885	34.67854	29.40825	158.4959	35.50495	63.90857	37.75891	172.3272	78.60007
174.8847	58.80743	32.01753	131.5861	65.97575	173.2379	46.08901	58.7433	103.5018	42.94669
37.79283	191.4415	107.7281	70.8379	93.15431	93.72103	54.96388	87.07992	34.33913	84.10735
26.47095	54.72428	45.43246	79.40546	63.4765	31.75208	85.22398	66.07423	65.4253	56.96537
33.63835	62.14133	68.50851	54.99742	91.3175	83.23868	36.50249	43.2927	34.06636	123.5729
51.99714	108.8625	36.32943	63.28639	136.7434	148.8441	30.0159	48.85065	48.59161	97.38785
33.8234	101.1631	57.62291	85.7094	68.2177	76.16943	56.92123	130.8068	91.53216	29.36037
43.07009	66.79838	77.10228	41.41387	95.38923	27.55569	61.58233	55.77522	63.30469	71.3551
91.02808	88.91473	106.4614	130.8204	49.24887	99.90428	28.64785	73.97448	55.584	50.13527
84.27084	64.01402	224.3606	44.65099	92.94023	48.85577	75.5677	96.94949	41.82852	36.05149
194.3399	52.60231	32.86994	40.62116	55.50859	59.93438	56.86221	46.73443	26.15345	39.56007

mean= 75.00001
sd= 41.48032
n= 1000

ภาคผนวก จ.

แสดงข้อมูลที่ป้อนเข้าโปรแกรม SIMQKE และการเตรียมค่า G_0

การเตรียมค่า G0

ชุดที่ 1

acc.	acc(g.)	G0
42.14973	0.042966	1.029803
77.87231	0.079381	3.515045
29.31138	0.029879	0.498009
54.17479	0.055224	1.701215
66.73174	0.068024	2.581247
49.2221	0.050175	1.404381
113.2859	0.11548	7.439033
106.5466	0.10861	6.580273
104.4731	0.106497	6.326648
75.46677	0.076928	3.301234
96.39094	0.098258	5.385638
50.6638	0.051645	1.487854
37.61012	0.038339	0.819925
133.9008	0.136494	10.39276
33.78849	0.034443	0.661763
35.24377	0.035926	0.719995
35.6089	0.036299	0.734991
98.57025	0.100479	5.63192
49.30024	0.050255	1.408844
36.45997	0.037166	0.770544

MEAN= 66.33859

SD= 32.13457

N= 20

ชุดที่ 2

acc.	acc(g.)	G0
81.09368	0.082664	3.8118
151.2776	0.154208	13.265
51.93885	0.052945	1.5636
41.87302	0.042684	1.0163
79.64669	0.081189	3.6770
123.2964	0.125684	8.8118
37.36803	0.038092	0.8094
46.69302	0.047597	1.2637
34.6401	0.035311	0.6955
43.89856	0.044749	1.1170
105.1155	0.107151	6.4046
187.2302	0.190856	20.319
42.49926	0.043322	1.0469
128.3101	0.130795	9.5430
61.80954	0.063007	2.21
101.0123	0.102969	5.9144
68.6586	0.069988	2.7324
167.4346	0.170677	16.250
62.67465	0.063889	2.2769
241.533	0.246211	33.815

MEAN= 92.90019

SD= 57.56693

N= 20

ชุดที่ 3

acc.	acc(g.)	G0
43.20026	0.044037	1.081776
94.53574	0.096367	5.180322
42.73526	0.043563	1.058614
80.73332	0.082297	3.778073
46.03133	0.046923	1.228208
41.45686	0.04226	0.996225
120.6658	0.123003	8.439819
55.64366	0.056721	1.794718
58.06123	0.059186	1.954057
26.50228	0.027016	0.407128
69.63193	0.070981	2.810487
121.7993	0.124158	8.599126
41.56004	0.042365	1.00119
66.35941	0.067645	2.552524
26.02951	0.026534	0.392732
49.02237	0.049972	1.393007
175.958	0.179366	17.94662
51.07399	0.052063	1.512044
77.18917	0.078684	3.453643
69.98808	0.071344	2.839311

MEAN= 67.90888

SD= 36.85255

N= 20

ชุดที่ 4

acc.	acc(g.)	G0
26.6968	0.027214	0.4131
61.96241	0.063162	2.2254
66.86607	0.068161	2.591
39.0643	0.039821	0.8845
32.40259	0.03303	0.6085
69.10809	0.070447	2.768
151.8562	0.154797	13.366
54.39265	0.055446	1.7149
49.11121	0.050062	1.3980
31.44192	0.032051	0.5730
84.03811	0.085666	4.0937
91.52462	0.093297	4.8555
48.16071	0.049093	1.3444
38.69375	0.039443	0.8678
51.47561	0.052473	1.5359
59.08086	0.060225	2.0232
74.59672	0.076042	3.2255
111.1394	0.113292	7.1597
178.1757	0.181627	18.401
54.08627	0.055134	1.695

MEAN= 68.6937

SD= 39.3383

N= 20

ชุดที่ 5			ชุดที่ 6		
acc.	acc(g.)	G0	acc.	acc(g.)	
30.39995	0.030989	0.535686	86.95666	0.088641	4
133.0851	0.135663	10.26653	55.93336	0.057017	1.
48.50481	0.049444	1.363749	91.74123	0.093518	4.
36.9004	0.037615	0.789272	87.84188	0.089543	4.
53.44246	0.054478	1.655532	88.42707	0.09014	4.
94.58312	0.096415	5.185516	126.7923	0.129248	9.
69.22801	0.070569	2.777976	108.5735	0.110676	6.
117.8088	0.120091	8.044892	31.40644	0.032015	0.
29.92386	0.030503	0.519039	41.8792	0.04269	1.
49.94049	0.050908	1.445674	46.77915	0.047685	1.
70.46634	0.071831	2.878248	108.1156	0.11021	6.
48.03871	0.048969	1.337665	72.89771	0.07431	3.
41.51476	0.042319	0.99901	78.12665	0.07964	3.
109.197	0.111312	6.91172	65.30458	0.066569	2
22.53218	0.022969	0.294287	49.12451	0.050076	1.
41.76669	0.042576	1.011172	63.92839	0.065167	2
32.48186	0.033111	0.61157	31.79035	0.032406	0.
40.40418	0.041187	0.946275	118.4747	0.120769	8.
43.46173	0.044303	1.094911	81.3842	0.08296	3.
71.76877	0.073159	2.985628	46.24458	0.04714	1.
MEAN=	59.27246		MEAN=	74.0861	
SD=	31.49664		SD=	28.4146	
N=	20		N=	20	

ชุดที่ 7			ชุดที่ 8		
acc.	acc(g.)	G0	acc.	acc(g.)	
71.65532	0.073043	2.976197	75.51612	0.076979	3.
38.677	0.039426	0.867102	36.43552	0.037141	0.
46.32927	0.047227	1.244158	42.12749	0.042943	1.
187.0925	0.190716	20.28979	115.9042	0.118149	7.
33.71513	0.034368	0.658892	43.9044	0.044755	1.
33.77468	0.034429	0.661222	52.41013	0.053425	1.
59.36529	0.060515	2.042819	41.52079	0.042325	
45.39559	0.046275	1.194516	54.60581	0.055663	1.
131.9357	0.134491	10.08996	90.89346	0.092654	4.
75.89396	0.077364	3.338714	41.44124	0.042244	0.
225.2556	0.229618	29.41142	110.1267	0.11226	7.
77.20452	0.0787	3.455017	26.1082	0.026614	0.
94.61412	0.096447	5.188916	46.32128	0.047218	1.
56.9147	0.058017	1.877646	121.5219	0.123876	8.
54.67769	0.055737	1.732946	56.69699	0.057795	1.
30.04412	0.030626	0.523219	28.85666	0.029416	0.
221.4838	0.225773	28.4347	48.86562	0.049812	1.
63.41108	0.064639	2.330746	41.99387	0.042807	1.
159.7105	0.162804	14.78535	33.2521	0.033896	0.
71.00482	0.07238	2.922405	53.3557	0.054389	1.

MEAN=	88.90777	MEAN=	58.09291
SD=	62.03867	SD=	28.99736
N=	20	N=	20

ชุดที่ 9

acc.	acc(g.)	G0
58.4289	0.059561	1.978883
77.71195	0.079217	3.500583
67.09458	0.068394	2.609394
43.98695	0.044839	1.121534
39.56415	0.04033	0.907337
122.0724	0.124437	8.637732
79.88397	0.081431	3.698997
65.36614	0.066632	2.476683
35.51146	0.036199	0.730974
131.9044	0.134459	10.08517
53.64829	0.054687	1.668309
44.16565	0.045021	1.130665
53.85593	0.054899	1.681248
169.8193	0.173108	16.71625
105.7803	0.107829	6.485961
44.42876	0.045289	1.144177
159.8216	0.162917	14.80593
45.82038	0.046708	1.216976
52.79366	0.053816	1.615579
73.56206	0.074987	3.136697

MEAN= 76.26104

SD= 40.3458

N= 20

ชุดที่ 10

acc.	acc(g.)	G0
49.51634	0.050475	1.4212
34.00675	0.034665	0.670
45.58092	0.046464	1.204
176.0633	0.179473	17.968
46.85418	0.047762	1.2725
75.20572	0.076662	3.2784
100.0246	0.101962	5.7993
93.68501	0.0955	5.0875
222.4945	0.226804	28.694
50.00518	0.050974	1.4494
44.77255	0.04564	1.1619
145.162	0.147973	12.214
38.98312	0.039738	0.8808
36.0991	0.036798	0.7553
60.4719	0.061643	2.1196
49.04681	0.049997	1.3943
50.23925	0.051212	1.4630
55.90132	0.056984	1.8113
42.98273	0.043815	1.0709
71.83583	0.073227	2.991

MEAN= 74.44656

SD= 50.83227

N= 20

ข้อมูลที่ป้อนเข้าโปรแกรม SIMQKE

ชุดที่ 1

```
1 EARTHQUAKE SIMULATION  *** G0 = 1.029803 MODIFICATION 26/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.04297         1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     1.029803
2 EARTHQUAKE SIMULATION  *** G0 = 3.51505 MODIFICATION 26/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.079381        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     3.51505
3 EARTHQUAKE SIMULATION  *** G0 = 0.49801 MODIFICATION 26/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.029879        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     0.49801
4 EARTHQUAKE SIMULATION  *** G0 = 1.70122 MODIFICATION 26/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.055224        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     1.70122
5 EARTHQUAKE SIMULATION  *** G0 = 2.58125 MODIFICATION 26/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.068024        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     2.58125
6 EARTHQUAKE SIMULATION  *** G0 = 1.40438 MODIFICATION 26/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.050175        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     1.40438
7 EARTHQUAKE SIMULATION  *** G0 = 7.43903 MODIFICATION 26/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.11548         1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     7.43903
8 EARTHQUAKE SIMULATION  *** G0 = 6.58027 MODIFICATION 26/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.10861         1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     6.58027
9 EARTHQUAKE SIMULATION  *** G0 = 6.32665 MODIFICATION 26/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.10650         1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     6.32665
10 EARTHQUAKE SIMULATION  *** G0 = 3.30123 MODIFICATION 26/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.07693         1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     3.30123
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11 EARTHQUAKE SIMULATION  *** G0 = 5.38564 MODIFICATION 26/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.09826         1235    1    1    1 -300    0    -1    0
0.05
0.6       12.566     5.38564
12 EARTHQUAKE SIMULATION  *** G0 = 1.48785 MODIFICATION 26/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.05165         1235    1    1    1 -300    0    -1    0
0.05
0.6       12.566     1.48785
13 EARTHQUAKE SIMULATION  *** G0 = 0.81993 MODIFICATION 26/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.03834         1235    1    1    1 -300    0    -1    0
0.05
0.6       12.566     0.81993
14 EARTHQUAKE SIMULATION  *** G0 = 10.3928 MODIFICATION 26/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.13649         1235    1    1    1 -300    0    -1    0
0.05
0.6       12.566     10.3928
15 EARTHQUAKE SIMULATION  *** G0 = 0.66176 MODIFICATION 26/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.03444         1235    1    1    1 -300    0    -1    0
0.05
0.6       12.566     0.66176
16 EARTHQUAKE SIMULATION  *** G0 = 0.72    MODIFICATION 26/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.03593         1235    1    1    1 -300    0    -1    0
0.05
0.6       12.566     0.72
17 EARTHQUAKE SIMULATION  *** G0 = 0.73499 MODIFICATION 26/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.0363          1235    1    1    1 -300    0    -1    0
0.05
0.6       12.566     0.73499
18 EARTHQUAKE SIMULATION  *** G0 = 5.63192 MODIFICATION 26/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.10048         1235    1    1    1 -300    0    -1    0
0.05
0.6       12.566     5.63192
19 EARTHQUAKE SIMULATION  *** G0 = 1.40884 MODIFICATION 26/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.05026         1235    1    1    1 -300    0    -1    0
0.05
0.6       12.566     1.40884
20 EARTHQUAKE SIMULATION  *** G0 = 0.77054 MODIFICATION 26/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.03717         1235    1    1    1 -300    0    -1    0
0.05
0.6       12.566     0.77054
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ชุดที่ 2

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1 EARTHQUAKE SIMULATION  *** G0 = 3.811876 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0          2
0.01      0.082664        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     3.811876
2 EARTHQUAKE SIMULATION  *** G0 = 13.26521 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0          2
0.01      0.154208        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     13.26521
3 EARTHQUAKE SIMULATION  *** G0 = 1.563685 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0          2
0.01      0.052945        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     1.563685
4 EARTHQUAKE SIMULATION  *** G0 = 1.016327 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0          2
0.01      0.042684        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     1.016327
5 EARTHQUAKE SIMULATION  *** G0 = 3.677056 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0          2
0.01      0.081189        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     3.677056
6 EARTHQUAKE SIMULATION  *** G0 = 8.811818 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0          2
0.01      0.125684        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     8.811818
7 EARTHQUAKE SIMULATION  *** G0 = 0.809404 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0          2
0.01      0.038092        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     0.809404
8 EARTHQUAKE SIMULATION  *** G0 = 1.263772 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0          2
0.01      0.047597        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     1.263772
9 EARTHQUAKE SIMULATION  *** G0 = 0.695541 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0          2
0.01      0.035311        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     0.695541
10 EARTHQUAKE SIMULATION  *** G0 = 1.117031 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0          2
0.01      0.044749        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     1.117031
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11 EARTHQUAKE SIMULATION  *** G0 = 6.404692 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.107151        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     6.404692
12 EARTHQUAKE SIMULATION  *** G0 = 20.31966 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.190856        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     20.31966
13 EARTHQUAKE SIMULATION  *** G0 = 1.046954 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.043322        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     1.046594
14 EARTHQUAKE SIMULATION  *** G0 = 9.543033 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.130795        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     9.543033
15 EARTHQUAKE SIMULATION  *** G0 = 2.2145   MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.063007        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     2.2145
16 EARTHQUAKE SIMULATION  *** G0 = 5.914435 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.102969        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     5.914435
17 EARTHQUAKE SIMULATION  *** G0 = 2.732465 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.069988        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     2.732465
18 EARTHQUAKE SIMULATION  *** G0 = 16.25007 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.170677        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     16.25007
19 EARTHQUAKE SIMULATION  *** G0 = 2.276924 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.063889        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     2.276924
20 EARTHQUAKE SIMULATION  *** G0 = 33.81565 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.246211        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     33.81565
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ชุดที่ 3

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1 EARTHQUAKE SIMULATION  *** G0 = 1.081776 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.044037        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     1.081776
2 EARTHQUAKE SIMULATION  *** G0 = 5.180322 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.096367        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     5.180322
3 EARTHQUAKE SIMULATION  *** G0 = 1.058614 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.043563        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     1.058614
4 EARTHQUAKE SIMULATION  *** G0 = 3.778073 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.082297        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     3.778073
5 EARTHQUAKE SIMULATION  *** G0 = 1.228208 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.046923        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     1.228208
6 EARTHQUAKE SIMULATION  *** G0 = 0.996225 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.04226         1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     0.996225
7 EARTHQUAKE SIMULATION  *** G0 = 8.439819 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.123003        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     8.439819
8 EARTHQUAKE SIMULATION  *** G0 = 1.794718 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.056721        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     1.794718
9 EARTHQUAKE SIMULATION  *** G0 = 1.954057 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.059186        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     1.954057
10 EARTHQUAKE SIMULATION  *** G0 = 0.407128 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.027016        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     0.407128
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11 EARTHQUAKE SIMULATION  *** G0 = 2.810487 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.070981       1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     2.810487
12 EARTHQUAKE SIMULATION  *** G0 = 8.599126 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.124158       1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     8.599126
13 EARTHQUAKE SIMULATION  *** G0 = 1.00119  MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.042365       1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     1.00119
14 EARTHQUAKE SIMULATION  *** G0 = 2.552524 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.067645       1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     2.552524
15 EARTHQUAKE SIMULATION  *** G0 = 0.392732 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.026534       1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     0.392732
16 EARTHQUAKE SIMULATION  *** G0 = 1.393007 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.049972       1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     1.393007
17 EARTHQUAKE SIMULATION  *** G0 = 17.94662 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.179366       1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     17.94662
18 EARTHQUAKE SIMULATION  *** G0 = 1.512044 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.052063       1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     1.512044
19 EARTHQUAKE SIMULATION  *** G0 = 3.453643 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.078684       1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     3.453643
20 EARTHQUAKE SIMULATION  *** G0 = 2.839311 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.071344       1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     2.839311
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ชุดที่ 4

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1 EARTHQUAKE SIMULATION  *** G0 = 0.413127 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.027214        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     0.413127
2 EARTHQUAKE SIMULATION  *** G0 = 2.225468 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.063162        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     2.225468
3 EARTHQUAKE SIMULATION  *** G0 = 2.59165  MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.068161        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     2.59165
4 EARTHQUAKE SIMULATION  *** G0 = 0.884555 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.039821        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     0.884555
5 EARTHQUAKE SIMULATION  *** G0 = 0.608589 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.03303         1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     0.608589
6 EARTHQUAKE SIMULATION  *** G0 = 2.76836  MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.070447        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     2.76836
7 EARTHQUAKE SIMULATION  *** G0 = 13.36687 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.154797        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     13.36687
8 EARTHQUAKE SIMULATION  *** G0 = 1.714925 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.055446        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     1.714925
9 EARTHQUAKE SIMULATION  *** G0 = 1.398061 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.050062        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     1.398061
10 EARTHQUAKE SIMULATION  *** G0 = 0.573037 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.032051        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     0.573037
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11 EARTHQUAKE SIMULATION  *** G0 = 4.093712 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0       4.0      20.0      0.0       0.268     0.0           2
0.01      0.085666        1235    1    1    1 -300    0   -1    0
0.05
0.6        12.566     4.093712
12 EARTHQUAKE SIMULATION  *** G0 = 4.855574 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0       4.0      20.0      0.0       0.268     0.0           2
0.01      0.093297        1235    1    1    1 -300    0   -1    0
0.05
0.6        12.566     4.855574
13 EARTHQUAKE SIMULATION  *** G0 = 1.344468 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0       4.0      20.0      0.0       0.268     0.0           2
0.01      0.049093        1235    1    1    1 -300    0   -1    0
0.05
0.6        12.566     1.344468
14 EARTHQUAKE SIMULATION  *** G0 = 0.867853 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0       4.0      20.0      0.0       0.268     0.0           2
0.01      0.039443        1235    1    1    1 -300    0   -1    0
0.05
0.6        12.566     0.867853
15 EARTHQUAKE SIMULATION  *** G0 = 1.535917 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0       4.0      20.0      0.0       0.268     0.0           2
0.01      0.052473        1235    1    1    1 -300    0   -1    0
0.05
0.6        12.566     1.535917
16 EARTHQUAKE SIMULATION  *** G0 = 2.023291 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0       4.0      20.0      0.0       0.268     0.0           2
0.01      0.060225        1235    1    1    1 -300    0   -1    0
0.05
0.6        12.566     2.023291
17 EARTHQUAKE SIMULATION  *** G0 = 3.225553 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0       4.0      20.0      0.0       0.268     0.0           2
0.01      0.076042        1235    1    1    1 -300    0   -1    0
0.05
0.6        12.566     3.225553
18 EARTHQUAKE SIMULATION  *** G0 = 7.159799 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0       4.0      20.0      0.0       0.268     0.0           2
0.01      0.113292        1235    1    1    1 -300    0   -1    0
0.05
0.6        12.566     7.159799
19 EARTHQUAKE SIMULATION  *** G0 = 18.40186 MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0       4.0      20.0      0.0       0.268     0.0           2
0.01      0.181627        1235    1    1    1 -300    0   -1    0
0.05
0.6        12.566     18.40186
20 EARTHQUAKE SIMULATION  *** G0 = 1.69566  MODIFICATION 27/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0       4.0      20.0      0.0       0.268     0.0           2
0.01      0.055134        1235    1    1    1 -300    0   -1    0
0.05
0.6        12.566     1.69566
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ชุดที่ 5

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1 EARTHQUAKE SIMULATION  *** G0 = 0.535686 MODIFICATION 30/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0      4.0      20.0      0.0       0.268     0.0            2
0.01      0.03099        1235    1    1    1 -300    0   -1     0
0.05
0.6       12.566     0.535686
2 EARTHQUAKE SIMULATION  *** G0 = 10.26653 MODIFICATION 30/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0      4.0      20.0      0.0       0.268     0.0            2
0.01      0.135663       1235    1    1    1 -300    0   -1     0
0.05
0.6       12.566     10.26653
3 EARTHQUAKE SIMULATION  *** G0 = 1.36375  MODIFICATION 30/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0      4.0      20.0      0.0       0.268     0.0            2
0.01      0.049444       1235    1    1    1 -300    0   -1     0
0.05
0.6       12.566     1.36375
4 EARTHQUAKE SIMULATION  *** G0 = 0.789272 MODIFICATION 30/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0      4.0      20.0      0.0       0.268     0.0            2
0.01      0.037615       1235    1    1    1 -300    0   -1     0
0.05
0.6       12.566     0.789272
5 EARTHQUAKE SIMULATION  *** G0 = 1.655532 MODIFICATION 30/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0      4.0      20.0      0.0       0.268     0.0            2
0.01      0.054478       1235    1    1    1 -300    0   -1     0
0.05
0.6       12.566     1.655532
6 EARTHQUAKE SIMULATION  *** G0 = 5.185516 MODIFICATION 30/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0      4.0      20.0      0.0       0.268     0.0            2
0.01      0.096415       1235    1    1    1 -300    0   -1     0
0.05
0.6       12.566     5.185516
7 EARTHQUAKE SIMULATION  *** G0 = 2.777976 MODIFICATION 30/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0      4.0      20.0      0.0       0.268     0.0            2
0.01      0.070569       1235    1    1    1 -300    0   -1     0
0.05
0.6       12.566     2.777976
8 EARTHQUAKE SIMULATION  *** G0 = 8.044892 MODIFICATION 30/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0      4.0      20.0      0.0       0.268     0.0            2
0.01      0.12009        1235    1    1    1 -300    0   -1     0
0.05
0.6       12.566     8.044892
9 EARTHQUAKE SIMULATION  *** G0 = 0.519039 MODIFICATION 30/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0      4.0      20.0      0.0       0.268     0.0            2
0.01      0.030503       1235    1    1    1 -300    0   -1     0
0.05
0.6       12.566     0.519039
10 EARTHQUAKE SIMULATION  *** G0 = 1.445674 MODIFICATION 30/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0      4.0      20.0      0.0       0.268     0.0            2
0.01      0.050908       1235    1    1    1 -300    0   -1     0
0.05
0.6       12.566     1.445674
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11 EARTHQUAKE SIMULATION  *** G0 = 2.878248 MODIFICATION 30/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.071831        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     2.878248
12 EARTHQUAKE SIMULATION  *** G0 = 1.337665 MODIFICATION 30/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.048969        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     1.337665
13 EARTHQUAKE SIMULATION  *** G0 = 0.99901 MODIFICATION 30/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.042319        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     0.99901
14 EARTHQUAKE SIMULATION  *** G0 = 6.91172 MODIFICATION 30/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.111312        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     6.91172
15 EARTHQUAKE SIMULATION  *** G0 = 0.294287 MODIFICATION 30/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.022969        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     0.294287
16 EARTHQUAKE SIMULATION  *** G0 = 1.011172 MODIFICATION 30/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.042576        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     1.011172
17 EARTHQUAKE SIMULATION  *** G0 = 0.61157  MODIFICATION 30/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.033111        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     0.61157
18 EARTHQUAKE SIMULATION  *** G0 = 0.946275 MODIFICATION 30/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.041187        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     0.946275
19 EARTHQUAKE SIMULATION  *** G0 = 1.094911 MODIFICATION 30/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.044303        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     1.094911
20 EARTHQUAKE SIMULATION  *** G0 = 2.985628 MODIFICATION 30/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.073159        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     2.985628
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ชุดที่ 6

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1 EARTHQUAKE SIMULATION  *** G0 = 4.38299 MODIFICATION 30/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0       4.0       20.0      0.0       0.268     0.0          2
0.01      0.088641       1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     4.38299
2 EARTHQUAKE SIMULATION  *** G0 = 1.813454 MODIFICATION 30/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0       4.0       20.0      0.0       0.268     0.0          2
0.01      0.057017       1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     1.813454
3 EARTHQUAKE SIMULATION  *** G0 = 4.878585 MODIFICATION 30/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0       4.0       20.0      0.0       0.268     0.0          2
0.01      0.093518       1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     4.878585
4 EARTHQUAKE SIMULATION  *** G0 = 4.472682 MODIFICATION 30/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0       4.0       20.0      0.0       0.268     0.0          2
0.01      0.089543       1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     4.472682
5 EARTHQUAKE SIMULATION  *** G0 = 4.532473 MODIFICATION 30/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0       4.0       20.0      0.0       0.268     0.0          2
0.01      0.09014        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     4.532473
6 EARTHQUAKE SIMULATION  *** G0 = 9.318596 MODIFICATION 30/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0       4.0       20.0      0.0       0.268     0.0          2
0.01      0.129248       1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     9.318596
7 EARTHQUAKE SIMULATION  *** G0 = 6.833016 MODIFICATION 30/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0       4.0       20.0      0.0       0.268     0.0          2
0.01      0.110676       1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     6.833016
8 EARTHQUAKE SIMULATION  *** G0 = 0.571745 MODIFICATION 30/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0       4.0       20.0      0.0       0.268     0.0          2
0.01      0.032015       1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     0.571745
9 EARTHQUAKE SIMULATION  *** G0 = 1.016627 MODIFICATION 30/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0       4.0       20.0      0.0       0.268     0.0          2
0.01      0.04269        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     1.016627
10 EARTHQUAKE SIMULATION  *** G0 = 1.268438 MODIFICATION 30/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0       4.0       20.0      0.0       0.268     0.0          2
0.01      0.047685       1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     1.268438
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11 EARTHQUAKE SIMULATION  *** G0 = 6.775502 MODIFICATION 30/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0      4.0      20.0      0.0      0.268     0.0            2
0.01      0.11021        1235    1    1    1 -300    0   -1     0
0.05
0.6        12.566     6.775502
12 EARTHQUAKE SIMULATION  *** G0 = 3.080296 MODIFICATION 30/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0      4.0      20.0      0.0      0.268     0.0            2
0.01      0.07431        1235    1    1    1 -300    0   -1     0
0.05
0.6        12.566     3.080296
13 EARTHQUAKE SIMULATION  *** G0 = 3.538043 MODIFICATION 30/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0      4.0      20.0      0.0      0.268     0.0            2
0.01      0.07964        1235    1    1    1 -300    0   -1     0
0.05
0.6        12.566     3.538043
14 EARTHQUAKE SIMULATION  *** G0 = 2.47202  MODIFICATION 30/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0      4.0      20.0      0.0      0.268     0.0            2
0.01      0.066569       1235    1    1    1 -300    0   -1     0
0.05
0.6        12.566     2.47202
15 EARTHQUAKE SIMULATION  *** G0 = 1.398818 MODIFICATION 30/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0      4.0      20.0      0.0      0.268     0.0            2
0.01      0.050076       1235    1    1    1 -300    0   -1     0
0.05
0.6        12.566     1.398818
16 EARTHQUAKE SIMULATION  *** G0 = 2.36893  MODIFICATION 30/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0      4.0      20.0      0.0      0.268     0.0            2
0.01      0.065167       1235    1    1    1 -300    0   -1     0
0.05
0.6        12.566     2.36893
17 EARTHQUAKE SIMULATION  *** G0 = 0.585808 MODIFICATION 30/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0      4.0      20.0      0.0      0.268     0.0            2
0.01      0.032406       1235    1    1    1 -300    0   -1     0
0.05
0.6        12.566     0.585808
18 EARTHQUAKE SIMULATION  *** G0 = 8.136094 MODIFICATION 30/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0      4.0      20.0      0.0      0.268     0.0            2
0.01      0.120769       1235    1    1    1 -300    0   -1     0
0.05
0.6        12.566     8.136094
19 EARTHQUAKE SIMULATION  *** G0 = 3.839237 MODIFICATION 30/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0      4.0      20.0      0.0      0.268     0.0            2
0.01      0.08296        1235    1    1    1 -300    0   -1     0
0.05
0.6        12.566     3.839237
20 EARTHQUAKE SIMULATION  *** G0 = 1.239614 MODIFICATION 30/3/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0      4.0      20.0      0.0      0.268     0.0            2
0.01      0.04714        1235    1    1    1 -300    0   -1     0
0.05
0.6        12.566     1.239614
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ชุดที่ 7

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1 EARTHQUAKE SIMULATION  *** G0 = 2.976197 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.073043        1235    1    1    1 -300    0   -1    0
0.05
0.6         12.566     2.976197
2 EARTHQUAKE SIMULATION  *** G0 = 0.867102 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.039426        1235    1    1    1 -300    0   -1    0
0.05
0.6         12.566     0.867102
3 EARTHQUAKE SIMULATION  *** G0 = 1.244158 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.047227        1235    1    1    1 -300    0   -1    0
0.05
0.6         12.566     1.244158
4 EARTHQUAKE SIMULATION  *** G0 = 20.28979 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.190716        1235    1    1    1 -300    0   -1    0
0.05
0.6         12.566     20.28979
5 EARTHQUAKE SIMULATION  *** G0 = 0.658892 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.034368        1235    1    1    1 -300    0   -1    0
0.05
0.6         12.566     0.658892
6 EARTHQUAKE SIMULATION  *** G0 = 0.661222 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.034492        1235    1    1    1 -300    0   -1    0
0.05
0.6         12.566     0.661222
7 EARTHQUAKE SIMULATION  *** G0 = 2.042819 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.060515        1235    1    1    1 -300    0   -1    0
0.05
0.6         12.566     2.042819
8 EARTHQUAKE SIMULATION  *** G0 = 1.194516 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.046275        1235    1    1    1 -300    0   -1    0
0.05
0.6         12.566     1.194516
9 EARTHQUAKE SIMULATION  *** G0 = 10.08996 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.134491        1235    1    1    1 -300    0   -1    0
0.05
0.6         12.566     10.08996
10 EARTHQUAKE SIMULATION  *** G0 = 3.338714 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.077364        1235    1    1    1 -300    0   -1    0
0.05
0.6         12.566     3.338714
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11 EARTHQUAKE SIMULATION  *** G0 = 29.41142 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0      4.0      20.0      0.0       0.268     0.0          2
0.01      0.229618       1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     29.41142
12 EARTHQUAKE SIMULATION  *** G0 = 3.455017 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0      4.0      20.0      0.0       0.268     0.0          2
0.01      0.0787         1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     3.455017
13 EARTHQUAKE SIMULATION  *** G0 = 5.188916 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0      4.0      20.0      0.0       0.268     0.0          2
0.01      0.096447       1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     5.188916
14 EARTHQUAKE SIMULATION  *** G0 = 1.877646 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0      4.0      20.0      0.0       0.268     0.0          2
0.01      0.058017       1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     1.877646
15 EARTHQUAKE SIMULATION  *** G0 = 1.732946 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0      4.0      20.0      0.0       0.268     0.0          2
0.01      0.055737       1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     1.732946
16 EARTHQUAKE SIMULATION  *** G0 = 0.523219 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0      4.0      20.0      0.0       0.268     0.0          2
0.01      0.030626       1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     0.523219
17 EARTHQUAKE SIMULATION  *** G0 = 28.4347  MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0      4.0      20.0      0.0       0.268     0.0          2
0.01      0.225773       1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     28.4347
18 EARTHQUAKE SIMULATION  *** G0 = 2.330746 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0      4.0      20.0      0.0       0.268     0.0          2
0.01      0.064639       1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     2.330746
19 EARTHQUAKE SIMULATION  *** G0 = 14.78535 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0      4.0      20.0      0.0       0.268     0.0          2
0.01      0.162804       1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     14.78535
20 EARTHQUAKE SIMULATION  *** G0 = 2.922405 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0      4.0      20.0      0.0       0.268     0.0          2
0.01      0.07238        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     2.922405
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ชุดที่ 8

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1 EARTHQUAKE SIMULATION  *** G0 = 3.305553 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.076979        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     3.305553
2 EARTHQUAKE SIMULATION  *** G0 = 0.769511 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.037141        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     0.769511
3 EARTHQUAKE SIMULATION  *** G0 = 1.028717 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.042943        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     1.028717
4 EARTHQUAKE SIMULATION  *** G0 = 7.786873 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.118149        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     7.786873
5 EARTHQUAKE SIMULATION  *** G0 = 1.117328 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.044755        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     1.117328
6 EARTHQUAKE SIMULATION  *** G0 = 1.592191 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.053425        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     1.592191
7 EARTHQUAKE SIMULATION  *** G0 = 0.9993   MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.042325        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     0.9993
8 EARTHQUAKE SIMULATION  *** G0 = 1.728393 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.055663        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     1.728393
9 EARTHQUAKE SIMULATION  *** G0 = 4.788837 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.092654        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     4.788837
10 EARTHQUAKE SIMULATION  *** G0 = 0.995475 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.042244        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     0.995475
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11 EARTHQUAKE SIMULATION  *** G0 = 7.029914 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.11226         1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     7.029914
12 EARTHQUAKE SIMULATION  *** G0 = 0.395111 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.026614        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     0.395111
13 EARTHQUAKE SIMULATION  *** G0 = 1.243729 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.047218        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     1.243729
14 EARTHQUAKE SIMULATION  *** G0 = 8.560002 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.123876        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     8.560002
15 EARTHQUAKE SIMULATION  *** G0 = 1.863308 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.057795        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     1.863308
16 EARTHQUAKE SIMULATION  *** G0 = 0.482677 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.029416        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     0.482677
17 EARTHQUAKE SIMULATION  *** G0 = 1.384113 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.049812        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     1.384113
18 EARTHQUAKE SIMULATION  *** G0 = 1.022202 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.042807        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     1.022202
19 EARTHQUAKE SIMULATION  *** G0 = 0.640919 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.033896        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     0.640919
20 EARTHQUAKE SIMULATION  *** G0 = 1.650161 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.054389        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     1.650161
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ชุดที่ 9

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1 EARTHQUAKE SIMULATION  *** G0 = 1.978883 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.059561        1235    1    1    1 -300    0   -1    0
0.05
0.6        12.566     1.978883
2 EARTHQUAKE SIMULATION  *** G0 = 3.500583 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.079217        1235    1    1    1 -300    0   -1    0
0.05
0.6        12.566     3.500583
3 EARTHQUAKE SIMULATION  *** G0 = 2.609349 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.068394        1235    1    1    1 -300    0   -1    0
0.05
0.6        12.566     2.609349
4 EARTHQUAKE SIMULATION  *** G0 = 1.121534 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.044839        1235    1    1    1 -300    0   -1    0
0.05
0.6        12.566     1.121534
5 EARTHQUAKE SIMULATION  *** G0 = 0.907337 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.04033         1235    1    1    1 -300    0   -1    0
0.05
0.6        12.566     0.907337
6 EARTHQUAKE SIMULATION  *** G0 = 8.637732 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.124437        1235    1    1    1 -300    0   -1    0
0.05
0.6        12.566     8.637732
7 EARTHQUAKE SIMULATION  *** G0 = 3.698997 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.081431        1235    1    1    1 -300    0   -1    0
0.05
0.6        12.566     3.698997
8 EARTHQUAKE SIMULATION  *** G0 = 2.476683 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.066632        1235    1    1    1 -300    0   -1    0
0.05
0.6        12.566     2.476683
9 EARTHQUAKE SIMULATION  *** G0 = 0.730974 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.036199        1235    1    1    1 -300    0   -1    0
0.05
0.6        12.566     0.730974
10 EARTHQUAKE SIMULATION  *** G0 = 10.08517 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.134459        1235    1    1    1 -300    0   -1    0
0.05
0.6        12.566     10.08517
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11 EARTHQUAKE SIMULATION  *** GO = 1.668309 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0      4.0      20.0      0.0       0.268     0.0            2
0.01      0.054687       1235    1    1    1 -300    0   -1     0
0.05
0.6       12.566     1.668309
12 EARTHQUAKE SIMULATION  *** GO = 1.130665 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0      4.0      20.0      0.0       0.268     0.0            2
0.01      0.045021       1235    1    1    1 -300    0   -1     0
0.05
0.6       12.566     1.130665
13 EARTHQUAKE SIMULATION  *** GO = 1.681248 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0      4.0      20.0      0.0       0.268     0.0            2
0.01      0.054899       1235    1    1    1 -300    0   -1     0
0.05
0.6       12.566     1.681248
14 EARTHQUAKE SIMULATION  *** GO = 16.71625 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0      4.0      20.0      0.0       0.268     0.0            2
0.01      0.173108       1235    1    1    1 -300    0   -1     0
0.05
0.6       12.566     16.71625
15 EARTHQUAKE SIMULATION  *** GO = 6.485961 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0      4.0      20.0      0.0       0.268     0.0            2
0.01      0.107829       1235    1    1    1 -300    0   -1     0
0.05
0.6       12.566     6.485961
16 EARTHQUAKE SIMULATION  *** GO = 1.144177 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0      4.0      20.0      0.0       0.268     0.0            2
0.01      0.045289       1235    1    1    1 -300    0   -1     0
0.05
0.6       12.566     1.144177
17 EARTHQUAKE SIMULATION  *** GO = 14.80593 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0      4.0      20.0      0.0       0.268     0.0            2
0.01      0.162917       1235    1    1    1 -300    0   -1     0
0.05
0.6       12.566     14.80593
18 EARTHQUAKE SIMULATION  *** GO = 1.216976 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0      4.0      20.0      0.0       0.268     0.0            2
0.01      0.046708       1235    1    1    1 -300    0   -1     0
0.05
0.6       12.566     1.216976
19 EARTHQUAKE SIMULATION  *** GO = 1.615579 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0      4.0      20.0      0.0       0.268     0.0            2
0.01      0.053816       1235    1    1    1 -300    0   -1     0
0.05
0.6       12.566     1.615579
20 EARTHQUAKE SIMULATION  *** GO = 3.136697 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0      4.0      20.0      0.0       0.268     0.0            2
0.01      0.074987       1235    1    1    1 -300    0   -1     0
0.05
0.6       12.566     3.136697
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ชุดที่ 10

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1 EARTHQUAKE SIMULATION  *** GO = 1.421222 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0       4.0       20.0      0.0       0.268     0.0            2
0.01      0.050475       1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     1.421222
2 EARTHQUAKE SIMULATION  *** GO = 0.67034  MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0       4.0       20.0      0.0       0.268     0.0            2
0.01      0.034665       1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     0.67034
3 EARTHQUAKE SIMULATION  *** GO = 1.20429  MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0       4.0       20.0      0.0       0.268     0.0            2
0.01      0.046464       1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     1.20429
4 EARTHQUAKE SIMULATION  *** GO = 17.96811 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0       4.0       20.0      0.0       0.268     0.0            2
0.01      0.179473       1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     17.96811
5 EARTHQUAKE SIMULATION  *** GO = 1.272511 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0       4.0       20.0      0.0       0.268     0.0            2
0.01      0.047762       1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     1.272511
6 EARTHQUAKE SIMULATION  *** GO = 3.278434 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0       4.0       20.0      0.0       0.268     0.0            2
0.01      0.076662       1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     3.278434
7 EARTHQUAKE SIMULATION  *** GO = 5.799338 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0       4.0       20.0      0.0       0.268     0.0            2
0.01      0.101962       1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     5.799338
8 EARTHQUAKE SIMULATION  *** GO = 5.087506 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0       4.0       20.0      0.0       0.268     0.0            2
0.01      0.0955         1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     5.087506
9 EARTHQUAKE SIMULATION  *** GO = 28.69481 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0       4.0       20.0      0.0       0.268     0.0            2
0.01      0.226804       1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     28.69481
10 EARTHQUAKE SIMULATION  *** GO = 1.449422 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
   4 2.0       4.0       20.0      0.0       0.268     0.0            2
0.01      0.050974       1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     1.449422
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11 EARTHQUAKE SIMULATION  *** GO = 1.161953 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.04564         1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     1.161953
12 EARTHQUAKE SIMULATION  *** GO = 12.21436 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.147973        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     12.21436
13 EARTHQUAKE SIMULATION  *** GO = 0.880882 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.039738        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     0.880882
14 EARTHQUAKE SIMULATION  *** GO = 0.755366 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.036798        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     0.755366
15 EARTHQUAKE SIMULATION  *** GO = 2.119688 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.061643        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     2.119688
16 EARTHQUAKE SIMULATION  *** GO = 1.394396 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.049997        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     1.394396
17 EARTHQUAKE SIMULATION  *** GO = 1.463023 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.051212        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     1.463023
18 EARTHQUAKE SIMULATION  *** GO = 1.811377 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.056984        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     1.811377
19 EARTHQUAKE SIMULATION  *** GO = 1.070909 MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.043815        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     1.070909
20 EARTHQUAKE SIMULATION  *** GO = 2.99121  MODIFICATION 1/4/92 ***
0.03      4.0       0.03      4.0       0.1       500.0
    4 2.0       4.0       20.0      0.0       0.268     0.0           2
0.01      0.073227        1235    1    1    1 -300    0   -1    0
0.05
0.6       12.566     2.99121
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ภาคผนวก ฉ.

แสดงข้อมูลของสเปกตรัมการตอบสนอง

ACC. RESPONSE (g)

PERIOD	$\bar{X}$ 20	$\bar{X}$ 40	$\bar{X}$ 80	$\bar{X}$ 160	$\bar{X}$ 200	$\bar{X}$+SD 20	$\bar{X}$+SD 40	$\bar{X}$+SD 80	$\bar{X}$+SD 160	$\bar{X}$+SD 200
0.03	0.086553	0.107515	0.10174	0.100357	0.09904	0.128714	0.173471	0.163035	0.162441	0.166183
0.0305	0.086729	0.107742	0.101722	0.099754	0.098209	0.128467	0.174483	0.163407	0.161462	0.164809
0.031	0.086913	0.107025	0.101168	0.099123	0.097308	0.128964	0.173657	0.162482	0.160373	0.163333
0.0315	0.086915	0.106629	0.100992	0.098786	0.096572	0.129181	0.173361	0.161947	0.159511	0.162067
0.032	0.086527	0.106052	0.100894	0.098601	0.096155	0.128418	0.172892	0.161843	0.159075	0.161523
0.0326	0.086884	0.105801	0.100709	0.098525	0.095861	0.128197	0.172861	0.16183	0.159453	0.161579
0.0331	0.088916	0.107051	0.101443	0.099315	0.096398	0.132314	0.175286	0.163297	0.161165	0.16289
0.0336	0.090839	0.108214	0.102345	0.10023	0.097249	0.136251	0.177748	0.165397	0.163228	0.1648
0.0342	0.091657	0.1093	0.103117	0.100854	0.098147	0.13768	0.180485	0.167206	0.164547	0.166433
0.0348	0.091874	0.110258	0.103748	0.101081	0.098646	0.137439	0.182405	0.168379	0.164955	0.16735
0.0353	0.092096	0.111289	0.104503	0.101418	0.099223	0.137201	0.183508	0.169555	0.165067	0.168078
0.0359	0.091373	0.111458	0.104731	0.101557	0.099581	0.13483	0.183065	0.169758	0.16492	0.168422
0.0365	0.091312	0.112013	0.105134	0.101726	0.099895	0.13369	0.183931	0.170426	0.164868	0.168678
0.0371	0.091675	0.113072	0.105847	0.102069	0.100167	0.133715	0.186767	0.172355	0.165583	0.169262
0.0377	0.091757	0.113819	0.106258	0.102273	0.100279	0.133337	0.18873	0.173344	0.166035	0.169632
0.0383	0.091485	0.113643	0.105847	0.102213	0.100254	0.133246	0.188723	0.172476	0.165739	0.169556
0.039	0.091228	0.112791	0.105303	0.101913	0.100027	0.133914	0.186718	0.171387	0.165228	0.169214
0.0396	0.091021	0.112046	0.105233	0.102077	0.100117	0.134222	0.184417	0.17073	0.165393	0.169389
0.0403	0.091246	0.111286	0.105156	0.102243	0.100287	0.135431	0.181713	0.169827	0.165581	0.169661
0.0409	0.09163	0.110923	0.105365	0.102798	0.100745	0.136361	0.179178	0.169048	0.166142	0.170177
0.0416	0.092268	0.11108	0.105529	0.103272	0.101367	0.137342	0.179149	0.169267	0.166798	0.170974
0.0423	0.093055	0.111697	0.105923	0.10368	0.101878	0.138458	0.180453	0.16961	0.167167	0.171468
0.043	0.094077	0.112236	0.105769	0.103862	0.10225	0.139597	0.181103	0.16872	0.167033	0.171888
0.0437	0.095217	0.113116	0.106116	0.10419	0.102531	0.141226	0.18227	0.169363	0.16753	0.172475
0.0444	0.09646	0.113949	0.106555	0.104518	0.102785	0.142921	0.182793	0.17	0.168125	0.172991
0.0452	0.097673	0.114161	0.106556	0.104831	0.10294	0.145203	0.181877	0.169725	0.168343	0.173062
0.0459	0.098014	0.11431	0.106795	0.105437	0.103381	0.145658	0.18135	0.169667	0.169299	0.173713
0.0467	0.097349	0.114089	0.106825	0.105634	0.103795	0.143888	0.180054	0.168567	0.169146	0.174037
0.0474	0.096546	0.114091	0.107388	0.106182	0.104465	0.142311	0.179194	0.168233	0.169523	0.175045
0.0482	0.09641	0.114601	0.108037	0.106733	0.1051	0.14201	0.180001	0.168592	0.170144	0.175974
0.049	0.09571	0.114707	0.10827	0.107154	0.105293	0.140702	0.180429	0.169056	0.170791	0.176231
0.0498	0.095185	0.115677	0.108357	0.107355	0.105561	0.139197	0.183297	0.169908	0.171326	0.176638
0.0506	0.094601	0.11649	0.10827	0.107321	0.105578	0.137985	0.187835	0.171794	0.172081	0.177079
0.0515	0.094764	0.117132	0.108309	0.107685	0.105581	0.138366	0.191734	0.173643	0.173188	0.177395
0.0523	0.095602	0.118111	0.108793	0.108436	0.106065	0.139551	0.194314	0.175408	0.174695	0.178422
0.0532	0.096136	0.118582	0.109412	0.10911	0.10652	0.139533	0.194955	0.176739	0.175805	0.179394
0.0541	0.096639	0.118928	0.109944	0.109733	0.106794	0.139413	0.195307	0.177287	0.176667	0.179896
0.055	0.097028	0.119384	0.110333	0.110244	0.10718	0.139161	0.195333	0.177287	0.177279	0.180329
0.0559	0.09804	0.120808	0.1114	0.111112	0.108065	0.140724	0.197564	0.178644	0.178609	0.18145
0.0568	0.099673	0.122475	0.112593	0.111928	0.108876	0.143336	0.199305	0.180136	0.180072	0.182672
0.0577	0.100472	0.124376	0.114318	0.112898	0.109784	0.145383	0.203058	0.183605	0.182218	0.184193
0.0587	0.101409	0.125719	0.11582	0.113664	0.110511	0.147975	0.205553	0.18613	0.183641	0.185167
0.0596	0.101944	0.12585	0.11642	0.114146	0.111061	0.149638	0.204936	0.186451	0.184316	0.185813
0.0606	0.102741	0.125382	0.116358	0.114293	0.111756	0.151019	0.203328	0.185409	0.184418	0.186719
0.0616	0.103275	0.125955	0.117207	0.115052	0.112714	0.151645	0.203653	0.186282	0.185501	0.188344
0.0627	0.103814	0.126023	0.11755	0.115057	0.112832	0.15235	0.203082	0.186394	0.184854	0.188391
0.0637	0.104797	0.126674	0.118465	0.115266	0.112923	0.153471	0.202652	0.187497	0.184461	0.188417
0.0647	0.105229	0.127021	0.119517	0.115877	0.11339	0.153863	0.203252	0.189675	0.185913	0.18979
0.0658	0.104822	0.127345	0.120116	0.116085	0.113853	0.153366	0.20438	0.191227	0.187124	0.191161
0.0669	0.104964	0.127626	0.12072	0.116638	0.114586	0.153783	0.205278	0.192307	0.188616	0.192793
0.068	0.104407	0.126967	0.120493	0.116721	0.114943	0.152808	0.204518	0.191512	0.189061	0.193474
0.0691	0.102939	0.125715	0.119957	0.116605	0.114759	0.150162	0.20213	0.189684	0.188391	0.19272
0.0703	0.101978	0.125516	0.119793	0.116459	0.114507	0.148631	0.200574	0.188171	0.186981	0.19174
0.0714	0.101982	0.125739	0.120144	0.117098	0.115235	0.148468	0.200135	0.188319	0.188567	0.19323
0.0726	0.101943	0.126392	0.120718	0.117798	0.116114	0.147745	0.201348	0.189337	0.190477	0.195227
0.0738	0.102301	0.127131	0.121433	0.118759	0.117197	0.146972	0.203316	0.190845	0.193468	0.197934
0.075	0.103757	0.128687	0.122563	0.119775	0.118444	0.149476	0.206683	0.192812	0.195576	0.200381
0.0762	0.106017	0.130186	0.123759	0.120712	0.119592	0.152862	0.208742	0.194793	0.196907	0.202106
0.0775	0.108534	0.132642	0.125105	0.121429	0.120364	0.156327	0.212566	0.197496	0.197682	0.203003
0.0788	0.111066	0.133688	0.125838	0.121617	0.120515	0.159754	0.212047	0.198301	0.196777	0.20234
0.0801	0.112436	0.134922	0.127043	0.122242	0.120824	0.161697	0.213554	0.201132	0.197374	0.202405
0.0814	0.112564	0.135107	0.127241	0.122181	0.120452	0.16131	0.213409	0.201548	0.196558	0.201097
0.0827	0.112424	0.134361	0.126682	0.122147	0.120368	0.161531	0.212274	0.200174	0.195798	0.200353
0.0841	0.112846	0.134401	0.12587	0.122212	0.120755	0.164491	0.214019	0.198944	0.196143	0.201163
0.0855	0.113431	0.135003	0.125743	0.122345	0.121141	0.168509	0.216777	0.199853	0.196503	0.201986
0.0869	0.114693	0.136178	0.126229	0.122808	0.121408	0.172393	0.21866	0.201156	0.196977	0.202427
0.0883	0.115318	0.13717	0.126968	0.123326	0.121262	0.173711	0.219729	0.20252	0.196922	0.201892
0.0898	0.114512	0.137614	0.12759	0.123969	0.121208	0.172043	0.220394	0.203763	0.197478	0.20166
0.0913	0.113676	0.137054	0.127551	0.123996	0.120811	0.169584	0.219866	0.204077	0.197264	0.201231
0.0928	0.11313	0.136833	0.128031	0.124208	0.120312	0.169257	0.220144	0.205378	0.198092	0.200974
0.0943	0.113124	0.13726	0.129265	0.124934	0.120846	0.169966	0.221586	0.207988	0.199764	0.202049
0.0959	0.112947	0.138224	0.130728	0.126033	0.121806	0.168845	0.224242	0.211007	0.2023	0.204086
0.0975	0.113332	0.139689	0.132115	0.127315	0.122728	0.167333	0.227341	0.213407	0.205349	0.206603
0.0991	0.114828	0.141842	0.134225	0.129391	0.124152	0.16828	0.229925	0.216182	0.209369	0.209804
0.1007	0.116359	0.143252	0.134914	0.130259	0.124682	0.171345	0.230613	0.216276	0.210784	0.210809
0.1024	0.118117	0.145663	0.136218	0.131543	0.126174	0.174659	0.235051	0.218231	0.212688	0.21302
0.104	0.119233	0.147992	0.136883	0.131981	0.126815	0.176228	0.239785	0.219071	0.212553	0.213171
0.1058	0.119302	0.148459	0.136519	0.1324	0.127511	0.176013	0.241347	0.218389	0.213188	0.213978
0.1075	0.119172	0.148207	0.135916	0.132283	0.127696	0.174672	0.240336	0.216438	0.211667	0.213106
0.1093	0.118445	0.147233	0.135417	0.132346	0.127857	0.173694	0.238894	0.215002	0.211099	0.212771
0.1111	0.117755	0.146584	0.135814	0.132608	0.128649	0.173075	0.23866	0.215592	0.211171	0.213503
0.1129	0.119747	0.147004	0.136491	0.133275	0.129781	0.175851	0.239501	0.217136	0.213004	0.215449
0.1148	0.120336	0.147369	0.136797	0.13338	0.130221	0.175343	0.241091	0.218218	0.213919	0.216459
0.1167	0.12173	0.147636	0.137962	0.13388	0.13083	0.177176	0.241989	0.221067	0.214953	0.217495

ACC. RESPONSE (g)

	$\bar{X}$					$\bar{X}$+SD				
PERIOD	20	40	80	160	200	20	40	80	160	200
0.1186	0.123501	0.146733	0.137724	0.134016	0.130936	0.179684	0.238848	0.220525	0.215174	0.217732
0.1206	0.124436	0.145583	0.137411	0.134072	0.130894	0.181311	0.235399	0.219601	0.214753	0.217425
0.1225	0.12429	0.145322	0.137136	0.134059	0.13077	0.182233	0.234358	0.218677	0.214513	0.217176
0.1246	0.124408	0.146324	0.13733	0.134537	0.131217	0.183273	0.23559	0.219228	0.215384	0.218136
0.1266	0.125141	0.148455	0.138477	0.135357	0.131864	0.183725	0.238803	0.22128	0.216682	0.219631
0.1287	0.126078	0.150301	0.138993	0.136011	0.132183	0.185319	0.242416	0.222584	0.217681	0.220675
0.1308	0.127165	0.152549	0.140278	0.137077	0.132712	0.187123	0.247238	0.225928	0.219456	0.2222
0.133	0.128378	0.153354	0.141019	0.137855	0.13336	0.19051	0.248794	0.227139	0.221121	0.223785
0.1352	0.12774	0.151394	0.140187	0.138012	0.133723	0.190504	0.244527	0.225018	0.221466	0.224597
0.1374	0.128047	0.149752	0.139434	0.137998	0.134031	0.193387	0.240192	0.222627	0.221011	0.224513
0.1397	0.127759	0.149606	0.139755	0.138334	0.134846	0.195398	0.240579	0.223288	0.221274	0.225421
0.142	0.126029	0.150079	0.140472	0.138624	0.135616	0.19273	0.243534	0.22568	0.221835	0.226753
0.1443	0.126856	0.152397	0.141864	0.139161	0.136171	0.192722	0.248226	0.228772	0.222512	0.2276
0.1467	0.127861	0.15513	0.143324	0.139743	0.136359	0.192882	0.253493	0.231927	0.223581	0.228565
0.1491	0.129073	0.157456	0.145022	0.14065	0.136579	0.193628	0.257142	0.234263	0.224883	0.229093
0.1516	0.129821	0.159532	0.146768	0.141671	0.137144	0.19535	0.261827	0.237458	0.226971	0.230743
0.1541	0.129196	0.160704	0.148374	0.142942	0.138638	0.1949	0.26682	0.24098	0.230307	0.233926
0.1566	0.12773	0.160314	0.148863	0.143556	0.139448	0.192427	0.266425	0.241558	0.232051	0.235238
0.1592	0.126551	0.159359	0.148479	0.144086	0.139878	0.191184	0.264562	0.241173	0.233925	0.23635
0.1619	0.125232	0.157837	0.148304	0.144428	0.140298	0.189636	0.259889	0.24059	0.234752	0.236853
0.1645	0.125586	0.15762	0.148662	0.145489	0.140978	0.19109	0.258508	0.24154	0.23735	0.238795
0.1672	0.127515	0.157524	0.148931	0.146013	0.14109	0.194576	0.25604	0.24152	0.237099	0.238312
0.17	0.131474	0.158844	0.149974	0.146935	0.142149	0.20145	0.256049	0.242509	0.236871	0.238796
0.1728	0.13514	0.161635	0.15218	0.148414	0.143976	0.206647	0.26131	0.246742	0.23875	0.241446
0.1757	0.137397	0.16478	0.154489	0.149894	0.145748	0.209635	0.269035	0.251391	0.241651	0.244615
0.1786	0.13768	0.166781	0.155391	0.150416	0.146592	0.209545	0.274394	0.253278	0.243321	0.2463
0.1815	0.138187	0.168415	0.156034	0.151494	0.147795	0.211074	0.278193	0.253992	0.245643	0.248428
0.1845	0.139532	0.169477	0.156378	0.152419	0.148643	0.213319	0.278261	0.252912	0.246395	0.249054
0.1875	0.141925	0.172047	0.157849	0.153755	0.149776	0.217533	0.282823	0.255343	0.248218	0.250515
0.1906	0.142611	0.174867	0.159753	0.154694	0.150288	0.218453	0.289998	0.260294	0.250305	0.251928
0.1938	0.142727	0.176002	0.160286	0.154715	0.151231	0.217511	0.29372	0.262561	0.250911	0.253538
0.197	0.142574	0.175446	0.160092	0.154684	0.151925	0.216088	0.291358	0.261112	0.250199	0.254254
0.2002	0.14177	0.174848	0.159731	0.155446	0.153149	0.213284	0.288597	0.259	0.250818	0.256389
0.2035	0.140275	0.175116	0.160207	0.156622	0.154279	0.210234	0.288263	0.258558	0.252591	0.258916
0.2069	0.140326	0.175966	0.161393	0.157731	0.155022	0.209985	0.288154	0.259888	0.254395	0.260796
0.2103	0.141623	0.177657	0.162954	0.158737	0.155682	0.21144	0.289817	0.262148	0.255442	0.261664
0.2138	0.142087	0.178585	0.163718	0.158747	0.156211	0.212485	0.291264	0.263652	0.255177	0.262036
0.2173	0.143121	0.179993	0.164829	0.159413	0.156986	0.216775	0.296537	0.26672	0.25703	0.263596
0.2209	0.143248	0.180088	0.165126	0.160042	0.157455	0.219849	0.298961	0.267877	0.258878	0.264766
0.2245	0.144662	0.180287	0.16498	0.160518	0.157701	0.224593	0.29944	0.267491	0.259771	0.264963
0.2282	0.145404	0.181406	0.165451	0.161134	0.158164	0.226926	0.303605	0.270109	0.261367	0.265861
0.232	0.144973	0.18247	0.166479	0.162067	0.158938	0.226139	0.308319	0.274388	0.264006	0.267655
0.2358	0.145695	0.183127	0.167326	0.163397	0.159807	0.225572	0.309657	0.276135	0.266419	0.269281
0.2397	0.145537	0.182206	0.167432	0.163796	0.160155	0.22216	0.306465	0.275102	0.267044	0.270127
0.2437	0.145978	0.181738	0.167802	0.164036	0.160126	0.220609	0.304171	0.274539	0.267304	0.270759
0.2477	0.148248	0.183801	0.170051	0.165387	0.161425	0.222145	0.306089	0.27765	0.269047	0.273211
0.2518	0.150649	0.185841	0.171983	0.166452	0.163036	0.225512	0.308302	0.28021	0.269593	0.275254
0.2559	0.151235	0.186214	0.173005	0.167152	0.163862	0.225657	0.306424	0.28048	0.269019	0.275603
0.2601	0.151455	0.185829	0.173168	0.167016	0.163709	0.224993	0.303578	0.279338	0.267542	0.274462
0.2644	0.151319	0.183927	0.171983	0.166479	0.163785	0.224743	0.298165	0.275774	0.265807	0.273664
0.2688	0.152073	0.18261	0.171007	0.166069	0.16387	0.229267	0.294524	0.272981	0.264386	0.27301
0.2732	0.152663	0.181719	0.170396	0.166051	0.163975	0.234512	0.292663	0.271032	0.263717	0.27235
0.2777	0.154244	0.182986	0.171061	0.166562	0.164096	0.239409	0.296842	0.273766	0.265371	0.272842
0.2823	0.155693	0.183476	0.171619	0.166897	0.164327	0.243209	0.298417	0.275814	0.266894	0.273746
0.287	0.157574	0.185331	0.173044	0.167626	0.164992	0.247141	0.304081	0.280408	0.269898	0.276027
0.2917	0.159449	0.187042	0.174739	0.168752	0.166218	0.251703	0.308464	0.285519	0.273574	0.279164
0.2965	0.161792	0.188514	0.176377	0.170077	0.167576	0.256266	0.311219	0.289682	0.276769	0.281905
0.3014	0.164316	0.189509	0.177341	0.171047	0.168815	0.259689	0.310977	0.291482	0.278496	0.283833
0.3064	0.166316	0.191455	0.17788	0.171805	0.169985	0.261415	0.311773	0.291678	0.279737	0.285666
0.3115	0.167285	0.193038	0.177976	0.172115	0.171492	0.261903	0.31312	0.291704	0.280215	0.287815
0.3166	0.167275	0.194067	0.178037	0.172659	0.172697	0.261093	0.314087	0.291463	0.280576	0.289472
0.3218	0.166093	0.195037	0.178537	0.173281	0.173694	0.258251	0.315075	0.29104	0.280607	0.29049
0.3271	0.164937	0.19439	0.178306	0.17367	0.173835	0.255221	0.312267	0.28793	0.280363	0.290097
0.3325	0.165878	0.194941	0.178424	0.174225	0.173756	0.254554	0.312084	0.28556	0.280494	0.289263
0.338	0.167488	0.196801	0.178432	0.174593	0.173371	0.255307	0.315765	0.284446	0.280971	0.288279
0.3436	0.167468	0.197247	0.177402	0.174233	0.172317	0.253382	0.318316	0.283122	0.280446	0.286782
0.3493	0.166831	0.196323	0.175878	0.173874	0.171217	0.251691	0.318149	0.281011	0.280151	0.285596
0.355	0.164137	0.195504	0.175737	0.174111	0.170413	0.246557	0.318687	0.281995	0.281084	0.285195
0.3609	0.160577	0.193942	0.17561	0.173891	0.169025	0.240018	0.31682	0.282738	0.281204	0.284007
0.3668	0.158299	0.194276	0.177323	0.174591	0.16881	0.234854	0.321608	0.289449	0.284755	0.286023
0.3729	0.156271	0.195172	0.179293	0.175715	0.169404	0.229427	0.327819	0.297108	0.289401	0.289821
0.379	0.155472	0.195103	0.180462	0.176399	0.16978	0.226741	0.330349	0.301878	0.29243	0.292393
0.3853	0.155939	0.195322	0.181008	0.176977	0.170421	0.227801	0.331258	0.303715	0.293895	0.294084
0.3916	0.15505	0.195769	0.180934	0.177311	0.170807	0.226366	0.332082	0.303245	0.294385	0.294812
0.3981	0.153811	0.195244	0.179679	0.177215	0.170806	0.22641	0.332342	0.300818	0.294763	0.29537
0.4047	0.154208	0.194799	0.179276	0.177512	0.171116	0.22833	0.332346	0.299194	0.295747	0.296304
0.4114	0.155986	0.195066	0.180132	0.177948	0.171411	0.232111	0.332833	0.299952	0.297158	0.297225
0.4181	0.157204	0.194741	0.180483	0.177759	0.171184	0.234768	0.332021	0.300561	0.298015	0.29767
0.425	0.158802	0.19447	0.181126	0.177323	0.170841	0.238422	0.331347	0.302725	0.298192	0.297766
0.432	0.161733	0.194394	0.181606	0.176659	0.170261	0.243274	0.330019	0.304287	0.296418	0.296176
0.4392	0.164952	0.193955	0.182008	0.176508	0.170081	0.248466	0.32737	0.304619	0.295	0.294844
0.4464	0.168607	0.194348	0.182044	0.176597	0.170141	0.255303	0.325616	0.303689	0.294725	0.294412
0.4538	0.170623	0.193413	0.180595	0.175808	0.16933	0.260026	0.321574	0.300031	0.293145	0.292675
0.4613	0.171708	0.192439	0.179721	0.174929	0.168352	0.263097	0.317058	0.297928	0.291846	0.290911

ACC. RESPONSE (g)

	$\bar{X}$					$\bar{X}$+SD				
PERIOD	20	40	80	160	200	20	40	80	160	200
0.4689	0.172071	0.191667	0.178843	0.17396	0.167416	0.265349	0.313147	0.295135	0.289676	0.288564
0.4766	0.172678	0.191417	0.177639	0.172906	0.166441	0.26946	0.311557	0.291678	0.287064	0.286016
0.4845	0.176229	0.19298	0.17669	0.171923	0.165418	0.280705	0.315663	0.289618	0.284912	0.283561
0.4925	0.178924	0.193944	0.176261	0.171221	0.164783	0.291748	0.321477	0.290538	0.28477	0.28297
0.5006	0.179712	0.192963	0.175246	0.170382	0.16429	0.297865	0.324182	0.290566	0.285109	0.283517
0.5089	0.178216	0.190225	0.173271	0.169013	0.163163	0.298693	0.322778	0.287948	0.284485	0.283071
0.5173	0.175055	0.186623	0.170912	0.167144	0.1614	0.294139	0.317514	0.28299	0.282067	0.280813
0.5258	0.171471	0.183004	0.168563	0.165269	0.159545	0.287195	0.309488	0.276691	0.278323	0.277239
0.5345	0.168716	0.179581	0.166185	0.163641	0.158261	0.280872	0.300828	0.270275	0.274033	0.273416
0.5433	0.165336	0.176342	0.163719	0.161658	0.156493	0.274749	0.292896	0.264426	0.268772	0.268512
0.5522	0.160468	0.172387	0.161313	0.159523	0.154442	0.266016	0.283338	0.258713	0.263305	0.26363
0.5614	0.155792	0.169907	0.159852	0.157955	0.15323	0.256416	0.276589	0.255169	0.259273	0.260529
0.5706	0.151318	0.16703	0.158108	0.156237	0.151905	0.246548	0.269079	0.251161	0.254747	0.257116
0.58	0.14774	0.165748	0.157458	0.155435	0.151323	0.239244	0.267503	0.250822	0.252327	0.2552
0.5896	0.144389	0.16483	0.156838	0.154693	0.15076	0.232251	0.266377	0.250665	0.250783	0.253803
0.5993	0.141385	0.163247	0.155446	0.153548	0.149966	0.224929	0.263493	0.248323	0.249111	0.252233
0.6092	0.139099	0.161306	0.153923	0.152225	0.149164	0.219262	0.260273	0.244981	0.246989	0.250396
0.6193	0.136403	0.158561	0.152043	0.150755	0.148091	0.212742	0.256203	0.240944	0.245285	0.248614
0.6295	0.133812	0.156127	0.150473	0.149389	0.14731	0.206236	0.252308	0.23736	0.244392	0.247663
0.6399	0.131033	0.153593	0.148718	0.14783	0.146227	0.19995	0.248408	0.234266	0.243335	0.246742
0.6504	0.130017	0.15233	0.147557	0.146592	0.145287	0.197112	0.247407	0.233373	0.242794	0.245955
0.6612	0.130425	0.151958	0.146602	0.145317	0.143999	0.199351	0.248648	0.23337	0.241999	0.244449
0.6721	0.130317	0.151716	0.145421	0.143698	0.142666	0.20127	0.24992	0.233007	0.240453	0.242619
0.6832	0.129954	0.150955	0.143397	0.141668	0.140957	0.202808	0.249924	0.231162	0.238035	0.240114
0.6944	0.128774	0.149351	0.140832	0.139356	0.13867	0.202535	0.248294	0.22816	0.234577	0.236483
0.7059	0.126729	0.146832	0.13794	0.136919	0.136203	0.199985	0.244268	0.223656	0.230407	0.232195
0.7175	0.123606	0.143823	0.135268	0.13461	0.134005	0.195319	0.239474	0.220108	0.226779	0.228752
0.7294	0.120154	0.141545	0.13291	0.132365	0.131744	0.190356	0.237117	0.217971	0.223969	0.225794
0.7414	0.116314	0.139099	0.130633	0.130275	0.129638	0.185016	0.235501	0.216696	0.222211	0.223653
0.7536	0.114319	0.137142	0.128515	0.128445	0.127781	0.182716	0.234484	0.21586	0.220645	0.221675
0.7661	0.113631	0.135958	0.126602	0.126611	0.125941	0.182535	0.234058	0.214769	0.218396	0.219229
0.7787	0.113146	0.135026	0.124561	0.124658	0.124298	0.182565	0.233209	0.212685	0.215241	0.216439
0.7916	0.112501	0.133719	0.122122	0.122247	0.122242	0.182836	0.231384	0.209453	0.210829	0.212595
0.8046	0.111654	0.132334	0.119766	0.119741	0.120006	0.18276	0.229237	0.205999	0.205887	0.208164
0.8179	0.111275	0.132322	0.118713	0.118033	0.118336	0.182773	0.232053	0.205959	0.202774	0.205093
0.8314	0.111404	0.132829	0.117974	0.11669	0.116836	0.182664	0.235333	0.205992	0.200458	0.202517
0.8451	0.111705	0.132625	0.116706	0.114922	0.114965	0.182924	0.236609	0.204424	0.197361	0.199349
0.8591	0.111655	0.131464	0.114808	0.11304	0.112786	0.182897	0.235271	0.201183	0.194099	0.195924
0.8732	0.110664	0.129428	0.112487	0.110896	0.110298	0.181538	0.231692	0.197199	0.190454	0.192015
0.8876	0.108935	0.126794	0.11014	0.108712	0.107703	0.178875	0.22625	0.192579	0.186384	0.187599
0.9023	0.106537	0.124544	0.108224	0.106627	0.105298	0.174869	0.220971	0.188484	0.182386	0.183392
0.9172	0.104228	0.121841	0.106162	0.104398	0.102944	0.17077	0.214321	0.183763	0.178011	0.179112
0.9323	0.102248	0.118794	0.104052	0.102205	0.100649	0.167115	0.206613	0.178575	0.173352	0.174737
0.9477	0.099942	0.115447	0.101805	0.099918	0.098424	0.162975	0.198828	0.173429	0.168613	0.170737
0.9633	0.097021	0.112341	0.099735	0.097676	0.096196	0.157734	0.193159	0.16968	0.164637	0.167292
0.9792	0.093973	0.108824	0.097408	0.095307	0.093832	0.152273	0.18654	0.165297	0.160392	0.163475
0.9954	0.091085	0.105977	0.095336	0.093151	0.091776	0.146564	0.182192	0.162051	0.156892	0.16029
1.0118	0.088805	0.103322	0.09334	0.091096	0.089903	0.142193	0.178149	0.15947	0.153875	0.157511
1.0285	0.086631	0.100679	0.091364	0.089175	0.088185	0.137808	0.17389	0.156985	0.151151	0.154926
1.0454	0.083863	0.097682	0.089296	0.087191	0.086547	0.132363	0.169071	0.154115	0.148253	0.15254
1.0627	0.080886	0.094612	0.087236	0.085156	0.084844	0.126341	0.164053	0.150949	0.145183	0.149851
1.0802	0.078118	0.091934	0.085336	0.083425	0.083253	0.120909	0.159461	0.147842	0.142522	0.147185
1.098	0.075675	0.08987	0.083675	0.082033	0.081804	0.115748	0.155166	0.144613	0.140155	0.144448
1.1162	0.073423	0.088	0.082094	0.080569	0.080206	0.111028	0.151228	0.141361	0.137515	0.141331
1.1346	0.071635	0.086379	0.080505	0.079093	0.078567	0.107556	0.147981	0.138225	0.134871	0.138232
1.1533	0.070174	0.085379	0.079158	0.077787	0.077183	0.104862	0.14703	0.136149	0.132854	0.136012
1.1723	0.06863	0.084497	0.07784	0.076432	0.07577	0.102172	0.147147	0.134535	0.130915	0.133868
1.1917	0.067371	0.083585	0.076613	0.07509	0.074384	0.100144	0.146885	0.132979	0.128844	0.131641
1.2113	0.066245	0.082617	0.075579	0.073838	0.073063	0.098298	0.145986	0.131623	0.126712	0.129373
1.2313	0.065307	0.081378	0.074582	0.072582	0.07175	0.096734	0.144163	0.130005	0.124339	0.126941
1.2516	0.064428	0.08016	0.073724	0.071419	0.070489	0.09545	0.142222	0.128452	0.122007	0.12457
1.2723	0.063355	0.078521	0.072598	0.07017	0.069194	0.094225	0.139252	0.126264	0.119365	0.12202
1.2933	0.06214	0.07693	0.071422	0.068995	0.068	0.093058	0.135783	0.123671	0.116745	0.119529
1.3146	0.061159	0.076245	0.070706	0.068214	0.067391	0.092273	0.135252	0.122741	0.115234	0.118119
1.3363	0.059942	0.075387	0.069788	0.067341	0.06673	0.091163	0.134354	0.121472	0.113636	0.116631
1.3583	0.058905	0.074378	0.068765	0.066425	0.065964	0.089896	0.132545	0.119701	0.111783	0.114858
1.3808	0.058114	0.073232	0.067576	0.065352	0.065015	0.088724	0.130014	0.117432	0.109566	0.112737
1.4035	0.057681	0.072036	0.066328	0.064212	0.06397	0.088075	0.127001	0.114829	0.107131	0.11051
1.4267	0.057454	0.070835	0.065037	0.063099	0.062904	0.087809	0.123869	0.112112	0.104754	0.108344
1.4502	0.05698	0.069894	0.063894	0.062107	0.061896	0.087258	0.122532	0.11048	0.103134	0.106698
1.4742	0.0564	0.069092	0.062906	0.061136	0.060842	0.086187	0.121402	0.1091	0.101607	0.104977
1.4985	0.055589	0.068158	0.061914	0.060139	0.059763	0.084608	0.120209	0.107733	0.100093	0.10319
1.5232	0.05468	0.067166	0.060923	0.05921	0.058713	0.08268	0.118916	0.106289	0.098628	0.101363
1.5483	0.053623	0.066087	0.059906	0.058247	0.057608	0.080482	0.117456	0.10469	0.097118	0.099405
1.5739	0.052527	0.065138	0.058956	0.057317	0.056506	0.078172	0.115999	0.103036	0.095598	0.097372
1.5998	0.051667	0.064267	0.058097	0.056472	0.055515	0.076341	0.114487	0.10136	0.094141	0.09543
1.6262	0.050835	0.063452	0.057292	0.055653	0.054679	0.074647	0.113025	0.099724	0.092749	0.093861
1.6531	0.049969	0.062603	0.05648	0.054858	0.053869	0.073117	0.111508	0.098135	0.091445	0.092415
1.6803	0.04912	0.061756	0.055711	0.054091	0.053087	0.071624	0.109881	0.09661	0.090159	0.090999
1.7081	0.048171	0.060783	0.054877	0.053276	0.052248	0.070138	0.108066	0.094983	0.088787	0.089523
1.7362	0.047245	0.059774	0.054016	0.052438	0.05137	0.06894	0.106228	0.093373	0.087452	0.088074
1.7649	0.046483	0.058943	0.053174	0.051625	0.050492	0.067994	0.104671	0.091847	0.086214	0.086695
1.794	0.045676	0.058114	0.052302	0.05079	0.049577	0.067098	0.103251	0.090356	0.084995	0.085313
1.8236	0.044814	0.05719	0.051453	0.049922	0.048621	0.066202	0.101723	0.088884	0.083712	0.083866

ACC. RESPONSE (g)

	$\bar{X}$					$\bar{X}$+SD				
PERIOD	20	40	80	160	200	20	40	80	160	200
1.8537	0.043903	0.056195	0.050566	0.049015	0.047629	0.065232	0.100098	0.087358	0.082363	0.08235
1.8843	0.043015	0.055167	0.049636	0.048098	0.046641	0.064143	0.098384	0.085764	0.081	0.080823
1.9154	0.042218	0.054321	0.048753	0.047176	0.045757	0.063017	0.096973	0.084311	0.079677	0.079466
1.947	0.041434	0.053476	0.047861	0.046271	0.044882	0.061894	0.095641	0.082901	0.078418	0.078202
1.9791	0.040717	0.052602	0.046947	0.045385	0.044025	0.060837	0.09426	0.081446	0.077133	0.076941
2.0117	0.039918	0.051776	0.046118	0.044569	0.043213	0.059693	0.093073	0.080121	0.075979	0.075783
2.0449	0.039184	0.051018	0.045408	0.043817	0.042444	0.058675	0.091971	0.079045	0.074956	0.074741
2.0787	0.038558	0.050318	0.044804	0.043121	0.041699	0.057757	0.090917	0.078111	0.074007	0.073732
2.113	0.03789	0.049613	0.04421	0.042438	0.041009	0.05674	0.08985	0.077199	0.0731	0.072785
2.1478	0.037175	0.048985	0.043659	0.041792	0.040407	0.055681	0.089446	0.076673	0.072407	0.072044
2.1833	0.036417	0.048452	0.043143	0.0412	0.039863	0.054572	0.089686	0.076507	0.071942	0.071502
2.2193	0.035607	0.047803	0.042551	0.040584	0.039286	0.053406	0.089625	0.076143	0.071378	0.070865
2.2559	0.034777	0.047046	0.041906	0.039954	0.038694	0.052205	0.089237	0.075569	0.070709	0.07013
2.2931	0.03405	0.046307	0.04126	0.039346	0.038116	0.051083	0.088742	0.074919	0.069996	0.069357
2.331	0.033421	0.045651	0.04061	0.038734	0.037519	0.050009	0.088162	0.074168	0.069212	0.068527
2.3694	0.032735	0.04494	0.039901	0.03812	0.036916	0.048927	0.08734	0.073239	0.06837	0.067642
2.4085	0.032005	0.044124	0.039182	0.037518	0.036337	0.047816	0.0862	0.072157	0.067453	0.066708
2.4482	0.031203	0.043175	0.038408	0.036894	0.035766	0.04666	0.084725	0.070887	0.066426	0.065805
2.4886	0.030418	0.042214	0.03763	0.036244	0.035196	0.045545	0.083038	0.069513	0.065297	0.064842
2.5297	0.029679	0.041342	0.036919	0.035625	0.034655	0.044557	0.081434	0.068207	0.064207	0.063892
2.5714	0.028951	0.040536	0.03626	0.035032	0.034127	0.043563	0.079809	0.066911	0.063149	0.062936
2.6139	0.02824	0.039727	0.035593	0.034434	0.033598	0.042511	0.078094	0.065567	0.062042	0.061931
2.657	0.027531	0.038872	0.034908	0.033851	0.033072	0.041373	0.076229	0.064161	0.060959	0.060935
2.7008	0.026773	0.037949	0.034214	0.033237	0.032519	0.040163	0.074201	0.062699	0.059776	0.059847
2.7454	0.026063	0.037064	0.03355	0.032607	0.031951	0.038932	0.072188	0.061271	0.058526	0.058693
2.7907	0.025418	0.036236	0.032926	0.031998	0.031406	0.037694	0.070264	0.059917	0.057295	0.05756
2.8367	0.024754	0.035391	0.032295	0.031391	0.030865	0.036453	0.06838	0.058601	0.056154	0.056495
2.8835	0.024199	0.034636	0.031715	0.030842	0.030373	0.035519	0.066654	0.05739	0.055124	0.055512
2.9311	0.023801	0.034034	0.031228	0.030357	0.029922	0.034911	0.065191	0.056353	0.054201	0.054603
2.9795	0.023571	0.033473	0.030773	0.02992	0.029503	0.034582	0.063684	0.055297	0.053307	0.053706
3.0286	0.02333	0.032898	0.030336	0.02951	0.029101	0.034268	0.062105	0.054248	0.052421	0.052803
3.0786	0.023088	0.032326	0.02992	0.029101	0.028696	0.03397	0.06048	0.053201	0.051519	0.051886
3.1294	0.022841	0.031781	0.029508	0.028681	0.028285	0.033692	0.058915	0.052181	0.050611	0.050973
3.181	0.022602	0.03126	0.029093	0.028283	0.027889	0.033444	0.057561	0.051278	0.049793	0.05013
3.2335	0.022368	0.030751	0.02868	0.027889	0.027504	0.033209	0.056248	0.050392	0.04899	0.049304
3.2868	0.022129	0.030215	0.02825	0.027476	0.027106	0.032948	0.054889	0.04948	0.048166	0.048466
3.3411	0.021892	0.029672	0.027843	0.027065	0.02671	0.032664	0.053498	0.048562	0.047327	0.047621
3.3962	0.021642	0.029219	0.027499	0.026691	0.026353	0.032342	0.052656	0.047968	0.046682	0.046958
3.4522	0.021357	0.028748	0.027151	0.026309	0.026002	0.031975	0.05177	0.047367	0.046032	0.046321
3.5092	0.02104	0.028317	0.026831	0.025955	0.025691	0.031578	0.051049	0.046893	0.045451	0.045775
3.5671	0.020704	0.027851	0.026471	0.025591	0.025362	0.031128	0.050209	0.046322	0.044833	0.045188
3.6259	0.020356	0.027372	0.026118	0.025216	0.025012	0.030663	0.049358	0.045751	0.044199	0.044567
3.6858	0.019999	0.026909	0.025764	0.024826	0.024638	0.030172	0.048631	0.045225	0.043576	0.043934
3.7466	0.019641	0.026456	0.025412	0.02443	0.024251	0.029677	0.047919	0.044693	0.04295	0.043288
3.8084	0.019312	0.026006	0.025056	0.024046	0.023863	0.029289	0.047162	0.044113	0.042324	0.042633
3.8712	0.01901	0.025556	0.024689	0.023682	0.023502	0.028985	0.046353	0.043493	0.041719	0.042
3.9351	0.018711	0.025146	0.024335	0.023322	0.023157	0.028669	0.045522	0.042846	0.041096	0.04137
4	0.018432	0.024748	0.023975	0.022956	0.0228	0.028366	0.044632	0.042154	0.040441	0.040707

VEL.RESPONSE (cm /sec).

	$\bar{X}$					$\bar{X}$+SD				
PERIOD	20	40	80	160	200	20	40	80	160	200
0.03	0.405409	0.503593	0.476542	0.470061	0.463892	0.602887	0.812523	0.763641	0.76086	0.778383
0.0305	0.413004	0.513068	0.484398	0.475025	0.467666	0.611762	0.830889	0.778145	0.768877	0.784816
0.031	0.420662	0.518008	0.489659	0.479761	0.470976	0.624195	0.840511	0.786423	0.776215	0.790543
0.0315	0.427457	0.524415	0.496691	0.485838	0.474951	0.635331	0.852613	0.796474	0.78449	0.797062
0.032	0.432308	0.529857	0.504083	0.492628	0.480406	0.6416	0.863804	0.808601	0.79477	0.807002
0.0326	0.442227	0.538512	0.512592	0.501476	0.487919	0.652504	0.879841	0.823692	0.811592	0.822413
0.0331	0.459511	0.553231	0.52425	0.513252	0.498175	0.68379	0.905869	0.843909	0.83289	0.841807
0.0336	0.476542	0.56769	0.536899	0.525804	0.510166	0.714771	0.932463	0.867673	0.85629	0.864535
0.0342	0.48942	0.583629	0.550612	0.538527	0.524072	0.735166	0.963729	0.892823	0.878625	0.888695
0.0348	0.499186	0.599072	0.563699	0.549206	0.535974	0.746757	0.991071	0.914861	0.89626	0.909269
0.0353	0.507581	0.61336	0.575959	0.558954	0.546857	0.756173	1.011388	0.934488	0.909752	0.926347
0.0359	0.512153	0.624732	0.587023	0.569235	0.558162	0.755735	1.026098	0.95151	0.924393	0.944022
0.0365	0.52037	0.63834	0.599136	0.57971	0.569279	0.761869	1.048187	0.971224	0.939548	0.961256
0.0371	0.531025	0.654965	0.613116	0.591229	0.580212	0.77454	1.081843	0.998364	0.959136	0.980441
0.0377	0.540093	0.669951	0.625444	0.601987	0.59025	0.78484	1.11089	1.020329	0.977302	0.998471
0.0383	0.547065	0.679564	0.632943	0.611212	0.599499	0.796784	1.128525	1.031373	0.991083	1.013907
0.039	0.555498	0.686797	0.641198	0.620558	0.609073	0.815417	1.136943	1.043592	1.006092	1.030362
0.0396	0.562762	0.692753	0.650628	0.631118	0.618998	0.829865	1.140215	1.055583	1.022584	1.047296
0.0403	0.574129	0.700221	0.661648	0.643318	0.631013	0.852141	1.143355	1.068569	1.041844	1.067515
0.0409	0.585127	0.708324	0.672834	0.656443	0.643336	0.870769	1.144186	1.079499	1.060944	1.086711
0.0416	0.599288	0.721468	0.685413	0.670749	0.658378	0.892042	1.163579	1.099391	1.083353	1.110478
0.0423	0.614566	0.737686	0.699551	0.684734	0.672834	0.914424	1.191776	1.120163	1.104027	1.132431
0.043	0.631596	0.75351	0.710092	0.697286	0.686467	0.937205	1.215856	1.132723	1.121393	1.15399
0.0437	0.649656	0.771779	0.724015	0.710872	0.699555	0.963575	1.243614	1.15555	1.143041	1.176782
0.0444	0.66868	0.789915	0.738658	0.724536	0.712521	0.990759	1.26716	1.17847	1.165476	1.199205
0.0452	0.689293	0.80565	0.75198	0.739803	0.726459	1.024712	1.283525	1.19777	1.188018	1.221322
0.0459	0.702412	0.819195	0.765338	0.755605	0.740869	1.043843	1.299625	1.215903	1.213267	1.244898
0.0467	0.709803	0.831857	0.778892	0.770208	0.756802	1.049134	1.31283	1.229073	1.233292	1.268954
0.0474	0.714502	0.844341	0.794735	0.785806	0.773098	1.053191	1.326151	1.245027	1.254575	1.295435
0.0482	0.725538	0.862432	0.813032	0.803215	0.790925	1.068698	1.354595	1.268736	1.280414	1.324289
0.049	0.732219	0.877551	0.828307	0.819767	0.805529	1.07643	1.380358	1.293343	1.306612	1.348231
0.0498	0.740093	0.899421	0.842503	0.83471	0.820761	1.082302	1.425193	1.321088	1.332108	1.373413
0.0506	0.74737	0.9203	0.855359	0.84786	0.834087	1.090117	1.483944	1.35721	1.359478	1.398961
0.0515	0.761975	0.941826	0.870884	0.865863	0.848943	1.112567	1.541688	1.396219	1.39256	1.426379
0.0523	0.780656	0.964451	0.888362	0.885441	0.86608	1.139524	1.586704	1.432318	1.426492	1.456921
0.0532	0.798525	0.984961	0.908793	0.90628	0.884769	1.158981	1.619333	1.46802	1.460263	1.490076
0.0541	0.81628	1.004545	0.92866	0.926874	0.902048	1.177579	1.649697	1.497481	1.492241	1.519513
0.055	0.833196	1.02517	0.947449	0.946678	0.920371	1.195005	1.677363	1.522399	1.522324	1.548519
0.0559	0.855662	1.054373	0.972262	0.969748	0.943158	1.228201	1.724289	1.559148	1.558848	1.583638
0.0568	0.88392	1.08613	0.998497	0.992595	0.965532	1.271137	1.76749	1.597491	1.596921	1.619971
0.0577	0.905129	1.12047	1.029859	1.017066	0.989009	1.309724	1.829306	1.654046	1.641545	1.65934
0.0587	0.929399	1.152195	1.06147	1.041711	1.012812	1.356177	1.883873	1.705854	1.683045	1.697028
0.0596	0.948627	1.17108	1.08333	1.062172	1.033462	1.392438	1.907004	1.734995	1.715127	1.729057
0.0606	0.972083	1.186301	1.100925	1.081387	1.057379	1.428875	1.923803	1.754252	1.744872	1.766641
0.0616	0.993267	1.21139	1.127253	1.10653	1.084042	1.458469	1.958666	1.791601	1.784086	1.811434
0.0627	1.016279	1.233691	1.150748	1.126334	1.104558	1.491418	1.98806	1.824689	1.809617	1.844235
0.0637	1.042264	1.25984	1.178192	1.146376	1.123072	1.526355	2.015488	1.864763	1.834558	1.873905
0.0647	1.06299	1.283126	1.207317	1.170544	1.14542	1.554273	2.053192	1.916034	1.878029	1.917191
0.0658	1.076884	1.308272	1.234002	1.192586	1.169659	1.575594	2.099685	1.964561	1.922404	1.963872
0.0669	1.096366	1.333069	1.260936	1.218297	1.196861	1.606289	2.144163	2.008673	1.970122	2.013754
0.068	1.108481	1.347991	1.279256	1.239205	1.220326	1.622349	2.17135	2.03326	2.007233	2.054081
0.0691	1.110577	1.35629	1.294171	1.258002	1.238084	1.620049	2.180715	2.046434	2.032487	2.079177
0.0703	1.119315	1.377665	1.314844	1.278243	1.256824	1.63137	2.201494	2.065362	2.052295	2.104531
0.0714	1.136866	1.401706	1.339333	1.305373	1.284605	1.655085	2.231056	2.09933	2.10209	2.154075
0.0726	1.155535	1.432668	1.368349	1.335242	1.316151	1.674706	2.282302	2.146148	2.15908	2.212915
0.0738	1.178763	1.464863	1.399204	1.368386	1.350388	1.69348	2.342695	2.199002	2.229219	2.280678
0.075	1.214971	1.506893	1.435186	1.402535	1.386956	1.750339	2.420217	2.257784	2.290152	2.346422
0.0762	1.261301	1.548848	1.472382	1.436122	1.422804	1.818626	2.483442	2.317482	2.342638	2.404478
0.0775	1.313282	1.604988	1.513783	1.469305	1.456414	1.891586	2.572079	2.389729	2.391988	2.456367
0.0788	1.366457	1.644771	1.548194	1.496262	1.482703	1.965477	2.608839	2.439719	2.42096	2.489405
0.0801	1.406131	1.687341	1.588809	1.528765	1.511033	2.022195	2.670733	2.51537	2.468369	2.531292
0.0814	1.430579	1.717085	1.617107	1.552798	1.530829	2.050104	2.712223	2.561484	2.498055	2.555748
0.0827	1.451623	1.734871	1.635713	1.577161	1.554194	2.085696	2.740886	2.584649	2.52815	2.586966
0.0841	1.481734	1.76476	1.652743	1.604709	1.585577	2.159867	2.810202	2.612242	2.57546	2.641386
0.0855	1.514208	1.802181	1.678566	1.633206	1.61713	2.249461	2.893804	2.667883	2.623151	2.696339
0.0869	1.556131	1.847634	1.71264	1.666219	1.647228	2.338991	2.966739	2.72925	2.672543	2.746468
0.0883	1.589811	1.891068	1.750426	1.700209	1.671751	2.394839	3.029261	2.792008	2.71483	2.783346
0.0898	1.605521	1.929416	1.788872	1.738102	1.699391	2.412136	3.090047	2.856862	2.768747	2.827364
0.0913	1.620431	1.953673	1.818212	1.76753	1.722125	2.417376	3.134138	2.909068	2.811942	2.868489
0.0928	1.639138	1.982565	1.855026	1.799637	1.743185	2.45236	3.189655	2.975719	2.870137	2.911891
0.0943	1.665542	2.020894	1.903178	1.839416	1.779222	2.502429	3.262448	3.062228	2.94115	2.974796
0.0959	1.691157	2.069617	1.957381	1.887077	1.823781	2.528105	3.35756	3.159401	3.029034	3.055757
0.0975	1.725232	2.12645	2.011147	1.938073	1.868246	2.547265	3.460762	3.24865	3.125973	3.145054
0.0991	1.776679	2.194662	2.076803	2.002002	1.920941	2.603722	3.557521	3.344885	3.239472	3.246197
0.1007	1.829435	2.252256	2.121167	2.047968	1.960279	2.69396	3.625785	3.400378	3.314024	3.314422
0.1024	1.888426	2.328831	2.177822	2.10307	2.017238	2.792409	3.757951	3.489033	3.400413	3.405711
0.104	1.936064	2.403037	2.222653	2.143054	2.059171	2.861523	3.893544	3.55719	3.451352	3.461388
0.1058	1.97071	2.452345	2.255105	2.187066	2.106307	2.907496	3.986731	3.607497	3.521585	3.534625
0.1075	2.000186	2.487505	2.28121	2.220237	2.143254	2.931715	4.03383	3.632709	3.552635	3.576779
0.1093	2.021281	2.512549	2.310912	2.258486	2.18189	2.964104	4.07675	3.669034	3.602427	3.630948
0.1111	2.042604	2.542667	2.355844	2.300228	2.231558	3.002182	4.139833	3.739684	3.662989	3.703438
0.1129	2.110804	2.591258	2.405943	2.349258	2.287661	3.099754	4.221722	3.827488	3.754665	3.797761
0.1148	2.156892	2.64141	2.45191	2.390666	2.334053	3.142811	4.321268	3.911291	3.834232	3.879766
0.1167	2.217979	2.689987	2.513721	2.439345	2.383776	3.228228	4.409155	4.027936	3.916545	3.962853

VEL.RESPONSE (cm/sec).

	$\bar{X}$					$\bar{X}$+SD				
PERIOD	20	40	80	160	200	20	40	80	160	200
0.1186	2.286889	2.717076	2.550256	2.481578	2.424544	3.327225	4.422783	4.083496	3.984405	4.031767
0.1206	2.343048	2.741232	2.587346	2.52447	2.46464	3.413985	4.432436	4.134947	4.04366	4.093961
0.1225	2.377173	2.779421	2.622856	2.564005	2.50111	3.485403	4.482351	4.182422	4.102778	4.153704
0.1246	2.420226	2.846565	2.671595	2.617266	2.552687	3.565385	4.583147	4.264849	4.190058	4.243593
0.1266	2.473554	2.93438	2.737146	2.675483	2.606439	3.631539	4.720223	4.373848	4.282979	4.341271
0.1287	2.533421	3.020149	2.792914	2.733004	2.656095	3.723804	4.871115	4.472614	4.374093	4.434253
0.1308	2.596947	3.115336	2.864733	2.799352	2.710217	3.821418	5.049081	4.613879	4.481706	4.537735
0.133	2.665832	3.184456	2.928306	2.862608	2.769268	3.956019	5.16631	4.716611	4.591662	4.646979
0.1352	2.696451	3.195752	2.959189	2.913274	2.822744	4.021323	5.161688	4.749879	4.674907	4.740996
0.1374	2.746921	3.212541	2.99119	2.960378	2.875284	4.148614	5.152696	4.775882	4.741204	4.816326
0.1397	2.786621	3.263119	3.048254	3.017249	2.94118	4.261924	5.247396	4.870222	4.826296	4.916758
0.142	2.79414	3.327343	3.114329	3.073366	3.006688	4.272943	5.399286	5.003443	4.918206	5.027243
0.1443	2.858033	3.433451	3.196149	3.13525	3.067887	4.341979	5.592463	5.154146	5.013119	5.127752
0.1467	2.928582	3.553168	3.282741	3.200725	3.123227	4.417844	5.806107	5.312147	5.120991	5.235139
0.1491	3.004718	3.665442	3.37599	3.274202	3.179425	4.507487	5.986055	5.45346	5.235068	5.333082
0.1516	3.07279	3.776034	3.473911	3.353267	3.246114	4.623826	6.197299	5.620509	5.372288	5.46158
0.1541	3.108427	3.866496	3.56984	3.439149	3.335585	4.689242	6.419627	5.797931	5.541133	5.628206
0.1566	3.123006	3.919696	3.639709	3.509945	3.409494	4.704865	6.514125	5.906111	5.673666	5.751582
0.1592	3.145549	3.961016	3.690576	3.58139	3.476805	4.752072	6.575973	5.994584	5.814448	5.874718
0.1619	3.165564	3.989737	3.748768	3.650778	3.546379	4.793537	6.569367	6.081531	5.933943	5.98707
0.1645	3.225483	4.048233	3.818151	3.736644	3.620797	4.907872	6.639405	6.203615	6.095966	6.133079
0.1672	3.328784	4.112171	3.887858	3.811677	3.683161	5.079439	6.683962	6.304924	6.189515	6.221178
0.17	3.489617	4.21607	3.980641	3.899987	3.772962	5.346928	6.796109	6.436731	6.28708	6.338178
0.1728	3.645992	4.360799	4.105704	4.00409	3.884361	5.575215	7.049988	6.656943	6.441319	6.514055
0.1757	3.769093	4.52026	4.237952	4.111911	3.998167	5.750766	7.380235	6.8962	6.629017	6.710324
0.1786	3.839197	4.650677	4.333047	4.19432	4.087699	5.843171	7.651475	7.062642	6.784982	6.86805
0.1815	3.915918	4.772495	4.421632	4.292974	4.18815	5.981376	7.883387	7.197559	6.960936	7.039863
0.1845	4.019385	4.881988	4.504636	4.390602	4.28182	6.144902	8.015618	7.285422	7.097662	7.174267
0.1875	4.154805	5.036611	4.620943	4.501076	4.384596	6.368191	8.279524	7.475047	7.266442	7.333658
0.1906	4.243896	5.203787	4.754014	4.603451	4.472336	6.500846	8.629942	7.745979	7.448725	7.497016
0.1938	4.318673	5.32551	4.849965	4.681392	4.57597	6.581494	8.887433	7.94461	7.592092	7.671594
0.197	4.385259	5.396325	4.924076	4.757733	4.672865	6.646397	8.96152	8.031218	7.695551	7.820289
0.2002	4.43136	5.465286	4.992777	4.858827	4.787016	6.666702	9.020796	8.095639	7.839882	8.014039
0.2035	4.4569	5.563889	5.090173	4.976281	4.901834	6.679696	9.158878	8.215072	8.025454	8.226429
0.2069	4.533036	5.684323	5.21355	5.095229	5.007729	6.78326	9.30839	8.395278	8.217839	8.424584
0.2103	4.650092	5.833256	5.350482	5.212017	5.111721	6.942511	9.515962	8.607469	8.387269	8.591567
0.2138	4.74298	5.961317	5.46502	5.299074	5.214416	7.09293	9.722651	8.800935	8.517983	8.746938
0.2173	4.855705	6.106662	5.592198	5.408428	5.326095	7.354595	10.06069	9.049064	8.720327	8.943059
0.2209	4.940541	6.211113	5.695074	5.51971	5.430502	7.582453	10.31099	9.238874	8.9285	9.131535
0.2245	5.070615	6.319324	5.782765	5.626334	5.527594	7.872316	10.49579	9.375924	9.105311	9.287313
0.2282	5.180609	6.463322	5.894867	5.741045	5.635219	8.085164	10.81717	9.623724	9.312268	9.472385
0.232	5.25126	6.609487	6.030231	5.870417	5.75708	8.191289	11.16804	9.938972	9.562915	9.69507
0.2358	5.363858	6.741948	6.160199	6.015534	5.883354	8.304581	11.40024	10.16608	9.808373	9.913722
0.2397	5.446662	6.818973	6.266057	6.129973	5.993704	8.314254	11.46934	10.29558	9.994009	10.10935
0.2437	5.554332	6.914972	6.384709	6.241393	6.092627	8.393981	11.57344	10.44594	10.17069	10.3021
0.2477	5.733275	7.108235	6.576451	6.396067	6.242832	8.591169	11.8376	10.73773	10.40498	10.56602
0.2518	5.922582	7.306101	6.761287	6.543814	6.409525	8.865726	12.12051	11.01609	10.59867	10.82124
0.2559	6.042431	7.439984	6.912217	6.678328	6.546881	9.015878	12.24282	11.20627	10.74835	11.01136
0.2601	6.150547	7.546436	7.032283	6.78243	6.648118	9.136873	12.32819	11.34383	10.86479	11.14581
0.2644	6.246622	7.592695	7.099602	6.872407	6.761206	9.277606	12.30857	11.38419	10.97275	11.29712
0.2688	6.382207	7.663764	7.176808	6.969545	6.877265	9.621873	12.3606	11.45645	11.09572	11.45765
0.2732	6.511823	7.751197	7.268207	7.082888	6.99433	10.00311	12.48355	11.56086	11.24881	11.61708
0.2777	6.687655	7.933843	7.416791	7.221687	7.114762	10.3802	12.87033	11.8698	11.5058	11.82974
0.2823	6.862305	8.086827	7.564216	7.356071	7.24282	10.71962	13.15295	12.15669	11.76354	12.06553
0.287	7.060844	8.304625	7.75403	7.511249	7.393222	11.0743	13.62575	12.56497	12.09399	12.36862
0.2917	7.26186	8.518532	7.958202	7.685522	7.570104	11.4634	14.0485	13.00348	12.45949	12.7141
0.2965	7.4898	8.726831	8.164954	7.873327	7.757544	11.86329	14.40719	13.4102	12.81239	13.05014
0.3014	7.732382	8.917871	8.345276	8.049069	7.94405	12.22042	14.63393	13.71652	13.10541	13.35656
0.3064	7.956321	9.158906	8.509494	8.218881	8.131833	12.50571	14.9148	13.95343	13.38221	13.66583
0.3115	8.135874	9.388342	8.655797	8.370763	8.304482	12.73761	15.22852	14.18695	13.6282	13.99782
0.3166	8.268602	9.592931	8.800535	8.534674	8.536577	12.90609	15.52566	14.40728	13.86916	14.30887
0.3218	8.345005	9.799213	8.970186	8.706091	8.726863	12.97528	15.83027	14.6227	14.0985	14.59501
0.3271	8.423415	9.927598	9.106158	8.869361	8.877777	13.03426	15.94762	14.7047	14.31826	14.81536
0.3325	8.611299	10.12006	9.26261	9.044612	9.020283	13.21482	16.20142	14.82442	14.56142	15.01664
0.338	8.838743	10.38561	9.416213	9.213633	9.149168	13.47315	16.66365	15.01084	14.82742	15.21307
0.3436	8.984069	10.58163	9.517017	9.346986	9.244228	13.59306	17.07657	15.18852	15.04495	15.3848
0.3493	9.098394	10.70677	9.591737	9.482437	9.337517	13.72636	17.35076	15.32539	15.27846	15.57538
0.355	9.097543	10.83611	9.740478	9.650321	9.445363	13.66577	17.66371	15.62997	15.57947	15.80735
0.3609	9.04814	10.92816	9.895209	9.798313	9.524154	13.52445	17.85204	15.93165	15.84522	16.00311
0.3668	9.06559	11.12593	10.15504	9.998563	9.667479	13.44981	18.41813	16.57638	16.30759	16.38016
0.3729	9.098293	11.36314	10.43866	10.23034	9.862916	13.35752	19.08606	17.298	16.84927	16.87372
0.379	9.199855	11.54497	10.67855	10.43812	10.04646	13.4171	19.54795	17.86324	17.3041	17.30194
0.3853	9.380893	11.75003	10.88895	10.64643	10.25205	13.70389	19.92755	18.27064	17.6799	17.69126
0.3916	9.479902	11.96948	11.06245	10.84093	10.44329	13.84019	20.30376	18.54066	17.99895	18.02506
0.3981	9.56023	12.1355	11.16805	11.0149	10.61654	14.0727	20.65695	18.69754	18.32118	18.35889
0.4047	9.743846	12.30859	11.32775	11.21628	10.81213	14.42733	20.99968	18.90494	18.68712	18.72233
0.4114	10.01932	12.5295	11.57023	11.42996	11.01007	14.909	21.37863	19.26657	19.08712	19.0914
0.4181	10.26204	12.71236	11.78163	11.60376	11.17453	15.3253	21.67378	19.62011	19.45392	19.43132
0.425	10.53744	12.9042	12.01875	11.76633	11.33624	15.82065	21.98676	20.08754	19.78671	19.75837
0.432	10.90865	13.11159	12.24902	11.91535	11.48382	16.40847	22.25931	20.52375	19.99294	19.97659
0.4392	11.31119	13.29997	12.48075	12.10358	11.66286	17.03798	22.44864	20.88854	20.22897	20.21823
0.4464	11.75135	13.54544	12.68788	12.30824	11.85829	17.79379	22.6944	21.16615	20.54142	20.5196
0.4538	12.089	13.70371	12.79555	12.45638	11.99737	18.42343	22.78424	21.25784	20.76998	20.73669
0.4613	12.36693	13.86003	12.94408	12.59891	12.12523	18.94908	22.83554	21.45773	21.01971	20.95228

VEL.RESPONSE (cm./sec)

	$\bar{X}$					$\bar{X}$+SD				
PERIOD	20	40	80	160	200	20	40	80	160	200
0.4689	12.59726	14.03187	13.093	12.73553	12.25648	19.42616	22.92542	21.60675	21.2071	21.12572
0.4766	12.84931	14.2437	13.21843	12.86624	12.38516	20.05107	23.18359	21.70436	21.36096	21.28297
0.4845	13.33091	14.59801	13.36576	13.00512	12.51309	21.23404	23.87848	21.90824	21.55223	21.44996
0.4925	13.75827	14.91322	13.5535	13.16594	12.67092	22.43385	24.71983	22.34077	21.89723	21.75884
0.5006	14.04616	15.08178	13.69706	13.31686	12.84076	23.28087	25.3378	22.71032	22.28384	22.1594
0.5089	14.16018	15.11435	13.76721	13.42885	12.96406	23.73269	25.64635	22.87887	22.60373	22.49133
0.5173	14.13859	15.07288	13.80392	13.4996	13.03572	23.75663	25.64451	22.85609	22.78151	22.68027
0.5258	14.07665	15.02347	13.83797	13.56749	13.0976	23.57693	25.40698	22.71454	22.84853	22.75953
0.5345	14.07966	14.98635	13.86845	13.65607	13.20714	23.43934	25.10469	22.55496	22.86855	22.81708
0.5433	14.02475	14.95832	13.88759	13.71277	13.27468	23.30589	24.84521	22.43016	22.7988	22.77677
0.5522	13.83487	14.86246	13.90765	13.75333	13.31527	22.93468	24.42816	22.30509	22.70093	22.729
0.5614	13.65543	14.8926	14.01122	13.84494	13.43077	22.47534	24.24357	22.36599	22.72568	22.83578
0.5706	13.48068	14.88039	14.08556	13.91882	13.53286	21.96456	23.97183	22.37545	22.6949	22.90598
0.58	13.37873	15.00945	14.25874	14.07549	13.70315	21.66496	24.22396	22.7134	22.84965	23.10985
0.5896	13.29174	15.17338	14.43769	14.24022	13.87821	21.37983	24.5213	23.07489	23.08577	23.36384
0.5993	13.22927	15.27484	14.54492	14.36732	14.03214	21.0464	24.65489	23.23535	23.30906	23.60123
0.6092	13.23039	15.34255	14.64035	14.47887	14.18775	20.85506	24.75585	23.30135	23.49231	23.81636
0.6193	13.18903	15.33148	14.70124	14.57673	14.31911	20.5704	24.7727	23.29737	23.71709	24.03898
0.6295	13.15169	15.34484	14.78908	14.68249	14.47813	20.26984	24.798	23.32874	24.0198	24.34137
0.6399	13.09131	15.34522	14.85813	14.76938	14.60928	19.97667	24.81802	23.40513	24.31114	24.65157
0.6504	13.20288	15.46875	14.98406	14.88603	14.75347	20.01625	25.1236	23.69844	24.65516	24.97608
0.6612	13.46425	15.68718	15.13426	15.00153	14.86552	20.57975	25.66891	24.09167	24.98238	25.2353
0.6721	13.6749	15.92044	15.25986	15.07898	14.97072	21.12044	26.22556	24.45072	25.23211	25.45933
0.6832	13.86197	16.10217	15.2959	15.11143	15.03557	21.63324	26.65905	24.65776	25.39088	25.61251
0.6944	13.96139	16.1922	15.26856	15.10856	15.03417	21.95834	26.91942	24.73646	25.43215	25.6388
0.7059	13.96714	16.18272	15.20266	15.09019	15.01124	22.04092	26.92151	24.64967	25.39379	25.59085
0.7175	13.84682	16.11156	15.15317	15.07949	15.01178	21.88046	26.82685	24.65743	25.4047	25.62578
0.7294	13.6834	16.11945	15.13606	15.07395	15.00318	21.67813	27.00332	24.82292	25.50595	25.71379
0.7414	13.46401	16.10146	15.12143	15.0799	15.00617	21.41663	27.26053	25.08371	25.72206	25.88898
0.7536	13.45076	16.1361	15.12098	15.11271	15.03458	21.49839	27.58939	25.39805	25.961	26.08217
0.7661	13.59164	16.26215	15.14307	15.14406	15.06388	21.83339	27.99611	25.68886	26.1227	26.22232
0.7787	13.75622	16.41634	15.14402	15.1557	15.11201	22.19609	28.35338	25.85809	26.16874	26.31446
0.7916	13.90443	16.52673	15.09344	15.10882	15.10815	22.59731	28.59749	25.88703	26.05708	26.27517
0.8046	14.02625	16.62412	15.04529	15.04216	15.07549	22.95883	28.79749	25.87814	25.86409	26.15014
0.8179	14.20979	16.89743	15.15955	15.07266	15.11142	23.34002	29.63308	26.30092	25.89411	26.19015
0.8314	14.46105	17.24213	15.3138	15.14714	15.16609	23.71116	30.5479	26.7392	26.02079	26.28807
0.8451	14.73911	17.49935	15.39889	15.16345	15.1692	24.13611	31.21966	26.97284	26.04098	26.30333
0.8591	14.97646	17.63346	15.39933	15.16213	15.12804	24.53234	31.55732	26.98499	26.03482	26.27964
0.8732	15.08717	17.64535	15.33569	15.11873	15.03723	24.74973	31.58744	26.88485	25.96517	26.17798
0.8876	15.09644	17.5713	15.26335	15.0654	14.92561	24.78879	31.35419	26.68785	25.82941	25.99771
0.9023	15.00856	17.54539	15.24625	15.02116	14.83401	24.635	31.12971	26.55306	25.69389	25.83563
0.9172	14.92581	17.44795	15.20262	14.95004	14.74189	24.45488	30.69159	26.31549	25.49166	25.64939
0.9323	14.88331	17.29175	15.14581	14.87692	14.65042	24.32539	30.07478	25.99364	25.23329	25.43476
0.9477	14.78789	17.08202	15.06345	14.78418	14.56315	24.1147	29.41963	25.66144	24.94874	25.26303
0.9633	14.59205	16.89612	15.00008	14.69034	14.46779	23.72337	29.05135	25.51994	24.7614	25.16068
0.9792	14.3669	16.63729	14.89204	14.57076	14.3452	23.28007	28.51889	25.27118	24.52118	24.99251
0.9954	14.15583	16.47015	14.81636	14.47671	14.26311	22.77797	28.31498	25.18484	24.38308	24.91109
1.0118	14.02879	16.32207	14.7452	14.3906	14.20208	22.46278	28.14281	25.19204	24.30809	24.88253
1.0285	13.9113	16.16709	14.67117	14.31964	14.16073	22.12928	27.92346	25.20875	24.27192	24.87808
1.0454	13.68798	15.94356	14.57474	14.23116	14.12608	21.6042	27.59561	25.15454	24.1977	24.8974
1.0627	13.42065	15.698	14.47418	14.12901	14.07725	20.96257	27.21976	25.04552	24.08878	24.8633
1.0802	13.17474	15.50485	14.39201	14.06964	14.04066	20.39156	26.89347	24.93395	24.03662	24.82296
1.098	12.9731	15.40655	14.34458	14.06298	14.02369	19.84289	26.60046	24.79125	24.0269	24.7628
1.1162	12.79568	15.33599	14.30678	14.04088	13.97767	19.34929	26.3551	24.63543	23.96512	24.63007
1.1346	12.68981	15.3017	14.2611	14.01097	13.91787	19.05314	26.21439	24.48604	23.89186	24.48719
1.1533	12.63598	15.37384	14.25356	14.00658	13.89791	18.88208	26.47501	24.51579	23.92222	24.49093
1.1723	12.56149	15.46572	14.24722	13.98952	13.86837	18.7007	26.93266	24.62426	23.96167	24.50221
1.1917	12.53513	15.55192	14.25467	13.97119	13.83995	18.63286	27.32967	24.74221	23.97287	24.49319
1.2113	12.5284	15.62458	14.2936	13.96433	13.81782	18.59026	27.60908	24.89266	23.96404	24.46726
1.2313	12.55488	15.64444	14.33789	13.95337	13.79348	18.59657	27.71457	24.99272	23.90345	24.40365
1.2516	12.59007	15.66434	14.40659	13.95617	13.77444	18.65219	27.79203	25.10117	23.84182	24.34266
1.2723	12.58512	15.59781	14.42109	13.93877	13.74485	18.7174	27.66181	25.0817	23.71137	24.23854
1.2933	12.54761	15.53408	14.42173	13.93158	13.73067	18.79063	27.4178	24.97215	23.57339	24.1355
1.3146	12.55291	15.64929	14.51242	14.00094	13.83208	18.93904	27.76052	25.19274	23.65191	24.24403
1.3363	12.50612	15.72855	14.56037	14.04975	13.9222	19.02011	28.03124	25.34361	23.70856	24.33354
1.3583	12.49205	15.77336	14.58306	14.08683	13.98919	19.06441	28.10909	25.38513	23.70594	24.35821
1.3808	12.52845	15.78772	14.56837	14.0889	14.01625	19.12762	28.02924	25.3166	23.62084	24.30447
1.4035	12.63952	15.78522	14.5344	14.07059	14.01759	19.2999	27.82956	25.16246	23.47561	24.21584
1.4267	12.79807	15.77853	14.4871	14.05521	14.01183	19.55956	27.59215	24.97308	23.33415	24.13357
1.4502	12.90138	15.82546	14.46674	14.06209	14.01434	19.75706	27.74383	25.0149	23.35164	24.15851
1.4742	12.98139	15.90265	14.47874	14.07138	14.00377	19.83748	27.94276	25.11125	23.38635	24.16198
1.4985	13.00584	15.94633	14.48535	14.07002	13.98211	19.79508	28.12426	25.2054	23.41776	24.14244
1.5232	13.00396	15.97327	14.4885	14.08115	13.96293	19.66281	28.28053	25.27744	23.4557	24.10598
1.5483	12.96281	15.97582	14.48148	14.08037	13.92585	19.45541	28.39349	25.30742	23.47698	24.02976
1.5739	12.90772	16.00653	14.48724	14.08459	13.88527	19.20953	28.50489	25.31939	23.49173	23.92762
1.5998	12.90541	16.05245	14.51124	14.10529	13.86622	19.06844	28.59627	25.31753	23.51425	23.83637
1.6262	12.90704	16.11033	14.54636	14.13013	13.88284	18.95301	28.69718	25.31981	23.54878	23.83116
1.6531	12.89694	16.15764	14.57733	14.15864	13.9034	18.87157	28.78034	25.32844	23.60172	23.85214
1.6803	12.88646	16.20147	14.61561	14.19054	13.92713	18.79044	28.82698	25.34526	23.65295	23.87334
1.7081	12.84658	16.20994	14.63484	14.20777	13.93365	18.70496	28.81989	25.33056	23.67829	23.8744
1.7362	12.80683	16.20309	14.64225	14.21448	13.92499	18.68792	28.79567	25.3109	23.70593	23.87458
1.7649	12.80861	16.24211	14.65228	14.22533	13.91316	18.73601	28.84269	25.30886	23.75673	23.88909
1.794	12.79369	16.27747	14.64944	14.22585	13.88607	18.79415	28.92048	25.30855	23.8067	23.89591
1.8236	12.75942	16.28319	14.64966	14.21352	13.84321	18.84901	28.96262	25.30706	23.83426	23.87819

VEL.RESPONSE (cm./sec)

	$\bar{X}$					$\bar{X}$+SD				
PERIOD	20	40	80	160	200	20	40	80	160	200
1.8537	12.70644	16.26385	14.63455	14.18583	13.78471	18.87948	28.97044	25.28279	23.83744	23.83384
1.8843	12.65498	16.22989	14.60266	14.15006	13.72153	18.87065	28.94435	25.23137	23.82987	23.77774
1.9154	12.62545	16.24481	14.57951	14.1078	13.6836	18.84542	29.00022	25.21357	23.82749	23.76412
1.947	12.59548	16.25607	14.54892	14.06551	13.64324	18.81504	29.07364	25.20091	23.83788	23.77207
1.9791	12.58165	16.25395	14.5064	14.02372	13.60362	18.79862	29.12618	25.16665	23.83382	23.77446
2.0117	12.53767	16.26219	14.48489	13.99842	13.57247	18.74893	29.23319	25.16511	23.8638	23.80236
2.0449	12.51026	16.28844	14.49729	13.98938	13.55094	18.73329	29.36363	25.23679	23.93099	23.86232
2.0787	12.51388	16.33066	14.5409	13.99471	13.53312	18.74485	29.50707	25.35073	24.01895	23.9296
2.113	12.49994	16.36747	14.58479	14.00014	13.52871	18.71889	29.64191	25.46825	24.11598	24.01189
2.1478	12.46629	16.42636	14.64031	14.01405	13.54952	18.67194	29.99464	25.71143	24.2809	24.15901
2.1833	12.41387	16.51625	14.70638	14.04417	13.58842	18.60257	30.57224	26.07963	24.52333	24.37345
2.2193	12.33775	16.56364	14.7439	14.06234	13.6126	18.50512	31.05539	26.38351	24.73255	24.55484
2.2559	12.249	16.5702	14.7599	14.07217	13.62857	18.38739	31.43068	26.61643	24.90464	24.70055
2.2931	12.19067	16.57894	14.77179	14.08635	13.64622	18.2889	31.77176	26.8226	25.05991	24.83132
2.3694	12.10993	16.62492	14.76068	14.1017	13.65637	18.09992	32.31023	27.09381	25.2923	25.02316
2.4085	12.03519	16.5923	14.73398	14.10798	13.6639	17.98084	32.4149	27.13398	25.36496	25.085
2.4482	11.92703	16.50308	14.6809	14.10202	13.67103	17.83542	32.38513	27.09562	25.3904	25.15307
2.4886	11.81898	16.40211	14.62102	14.08228	13.67506	17.69625	32.26403	27.00917	25.37104	25.19396
2.5297	11.72229	16.32874	14.58151	14.07047	13.6872	17.59836	32.16335	26.93909	25.35936	25.23492
2.5714	11.6231	16.274	14.55725	14.06414	13.70088	17.48963	32.04124	26.86296	25.35248	25.26717
2.6139	11.52503	16.21308	14.52575	14.05259	13.71138	17.3493	31.87111	26.75851	25.31998	25.27477
2.657	11.42094	16.12543	14.48102	14.04254	13.71943	17.16332	31.62285	26.61643	25.28791	25.27825
2.7008	11.28972	16.00237	14.42727	14.01523	13.71255	16.93587	31.28898	26.43895	25.20592	25.23577
2.7454	11.17172	15.88717	14.38101	13.97664	13.69562	16.6879	30.9425	26.26315	25.0864	25.15824
2.7907	11.07504	15.78843	14.34635	13.94179	13.68402	16.42386	30.61507	26.1063	24.96427	25.07948
2.8367	10.96355	15.67467	14.30326	13.9025	13.66971	16.14472	30.28521	25.95396	24.87037	25.02101
2.8835	10.89444	15.59299	14.27802	13.88488	13.67373	15.99063	30.00782	25.83694	24.81671	24.99154
2.9311	10.89229	15.5749	14.29055	13.89185	13.69283	15.97638	29.83357	25.78913	24.80394	24.98747
2.9795	10.96509	15.5715	14.31515	13.91817	13.72432	16.08733	29.62554	25.72406	24.79799	24.98302
3.0286	11.03175	15.55579	14.34413	13.95353	13.76029	16.20397	29.36709	25.65131	24.78767	24.9677
3.0786	11.09772	15.53772	14.38146	13.98764	13.79287	16.3284	29.07071	25.57145	24.7633	24.9395
3.1294	11.16002	15.52809	14.41736	14.01312	13.81964	16.46157	28.78556	25.49519	24.72818	24.90498
3.181	11.22511	15.52522	14.44865	14.04627	13.85081	16.61003	28.5877	25.46736	24.72923	24.89652
3.2335	11.29269	15.52481	14.47917	14.07963	13.88511	16.76556	28.39681	25.44057	24.73285	24.8916
3.2868	11.3559	15.50524	14.49686	14.09961	13.90956	16.90776	28.16752	25.39123	24.71694	24.871
3.3411	11.41992	15.47847	14.5241	14.11794	13.93279	17.03901	27.90691	25.33211	24.68792	24.84152
3.3962	11.47545	15.49316	14.58115	14.1525	13.97332	17.14921	27.921	25.43463	24.75292	24.89866
3.4522	11.51151	15.49519	14.63401	14.18029	14.01471	17.23433	27.9034	25.53014	24.81066	24.96641
3.5092	11.52747	15.51442	14.70019	14.2203	14.07597	17.30126	27.96943	25.69218	24.90229	25.07996
3.5671	11.5307	15.51109	14.74254	14.2521	14.12458	17.33634	27.96353	25.7988	24.96948	25.16672
3.6259	11.52381	15.49571	14.7856	14.2748	14.15931	17.35885	27.94204	25.90045	25.02148	25.22911
3.6858	11.50852	15.48524	14.82592	14.28602	14.17764	17.36323	27.98569	26.02557	25.07624	25.28182
3.7466	11.48892	15.47537	14.86445	14.29	14.18521	17.3597	28.03059	26.14361	25.12359	25.32114
3.8084	11.48293	15.46336	14.89837	14.29738	14.18891	17.41561	28.04285	26.23015	25.16633	25.34953
3.8712	11.4901	15.44638	14.92207	14.3134	14.20493	17.51891	28.01673	26.28819	25.21542	25.38535
3.9351	11.49579	15.4494	14.95093	14.32849	14.22718	17.61385	27.9682	26.324	25.24863	25.41714
4	11.51124	15.45565	14.97282	14.33601	14.2385	17.71524	27.87384	26.32606	25.25601	25.42188

DIS.RESPONSE (cm.).

PERIOD	$\bar{X}$ 20	$\bar{X}$ 40	$\bar{X}$ 80	$\bar{X}$ 160	$\bar{X}$ 200	$\bar{X}$+SD 20	$\bar{X}$+SD 40	$\bar{X}$+SD 80	$\bar{X}$+SD 160	$\bar{X}$+SD 200
0.03	0.001936	0.002405	0.002276	0.002245	0.002215	0.002879	0.00388	0.003647	0.003633	0.003717
0.0305	0.002005	0.002491	0.002352	0.002307	0.002271	0.00297	0.004034	0.003777	0.003733	0.00381
0.031	0.002075	0.002556	0.002416	0.002367	0.002324	0.00308	0.004147	0.00388	0.00383	0.003901
0.0315	0.002143	0.002629	0.002491	0.002437	0.002382	0.003185	0.004275	0.003994	0.003934	0.003997
0.032	0.002202	0.002699	0.002568	0.00251	0.002448	0.003268	0.0044	0.004118	0.004048	0.004111
0.0326	0.002294	0.002794	0.00266	0.002603	0.002532	0.003385	0.004565	0.004274	0.004211	0.004268
0.0331	0.002421	0.002915	0.002762	0.002705	0.002625	0.003602	0.004772	0.004446	0.004388	0.004436
0.0336	0.002548	0.003036	0.002872	0.002813	0.002729	0.003822	0.004986	0.004641	0.00458	0.004624
0.0342	0.002664	0.003177	0.002998	0.002932	0.002853	0.004002	0.005246	0.00486	0.004783	0.004838
0.0348	0.002765	0.003318	0.003122	0.003042	0.002969	0.004136	0.005489	0.005067	0.004964	0.005036
0.0353	0.002852	0.003446	0.003236	0.003141	0.003073	0.004248	0.005682	0.00525	0.005111	0.005205
0.0359	0.002926	0.00357	0.003355	0.003253	0.00319	0.004318	0.005863	0.005437	0.005283	0.005395
0.0365	0.003023	0.003709	0.003481	0.003368	0.003307	0.004426	0.006089	0.005642	0.005458	0.005584
0.0371	0.003136	0.003868	0.003621	0.003492	0.003427	0.004573	0.006388	0.005895	0.005664	0.00579
0.0377	0.003241	0.00402	0.003753	0.003613	0.003542	0.004709	0.006665	0.006122	0.005864	0.005991
0.0383	0.003335	0.004143	0.003859	0.003727	0.003655	0.004857	0.006879	0.006287	0.006042	0.006182
0.039	0.003448	0.004263	0.00398	0.003853	0.003782	0.005061	0.007057	0.006478	0.006246	0.006396
0.0396	0.003547	0.004366	0.004101	0.003978	0.003902	0.00523	0.007186	0.006653	0.006445	0.006601
0.0403	0.003682	0.004491	0.004244	0.004127	0.004048	0.005466	0.007334	0.006854	0.006683	0.006848
0.0409	0.003809	0.004611	0.00438	0.004274	0.004189	0.005668	0.007448	0.007027	0.006906	0.007075
0.0416	0.003968	0.004777	0.004539	0.004442	0.00436	0.005906	0.007704	0.007279	0.007174	0.007353
0.0423	0.004137	0.004966	0.00471	0.00461	0.00453	0.006156	0.008023	0.007541	0.007433	0.007624
0.043	0.004322	0.005157	0.00486	0.004773	0.004699	0.006414	0.008321	0.007753	0.007675	0.007899
0.0437	0.004518	0.005368	0.005036	0.004945	0.004866	0.006702	0.00865	0.008038	0.00795	0.008186
0.0444	0.004725	0.005582	0.00522	0.005121	0.005036	0.007001	0.008954	0.008328	0.008236	0.008475
0.0452	0.004959	0.005796	0.00541	0.005323	0.005227	0.007372	0.009234	0.008617	0.008547	0.008787
0.0459	0.005131	0.005985	0.005592	0.005521	0.005413	0.007625	0.009494	0.008883	0.008864	0.009095
0.0467	0.005276	0.006183	0.00579	0.005725	0.005625	0.007798	0.009758	0.009135	0.009167	0.009432
0.0474	0.00539	0.00637	0.005996	0.005929	0.005833	0.007945	0.010004	0.009393	0.009465	0.009773
0.0482	0.005566	0.006616	0.006238	0.006163	0.006069	0.008198	0.010391	0.009733	0.009823	0.01016
0.049	0.00571	0.006844	0.00646	0.006394	0.006283	0.008395	0.010765	0.010086	0.01019	0.010515
0.0498	0.005866	0.007129	0.006678	0.006617	0.006506	0.008578	0.011296	0.010471	0.010559	0.010886
0.0506	0.006019	0.007412	0.006889	0.006829	0.006718	0.008779	0.011951	0.010931	0.010949	0.011267
0.0515	0.006246	0.00772	0.007139	0.007098	0.006959	0.009119	0.012636	0.011444	0.011414	0.011692
0.0523	0.006498	0.008028	0.007395	0.007371	0.00721	0.009485	0.013208	0.011923	0.011874	0.012128
0.0532	0.006761	0.00834	0.007695	0.007674	0.007492	0.009813	0.013711	0.01243	0.012365	0.012617
0.0541	0.007028	0.008649	0.007996	0.007981	0.007767	0.010139	0.014204	0.012894	0.012849	0.013084
0.055	0.007293	0.008974	0.008294	0.008288	0.008057	0.010461	0.014683	0.013326	0.013327	0.013556
0.0559	0.007613	0.009381	0.008651	0.008629	0.008392	0.010927	0.015341	0.013872	0.01387	0.014091
0.0568	0.007991	0.009819	0.009027	0.008974	0.008729	0.011491	0.015978	0.014441	0.014437	0.014645
0.0577	0.008312	0.01029	0.009458	0.009341	0.009083	0.012028	0.016799	0.01519	0.015075	0.015239
0.0587	0.008683	0.010765	0.009918	0.009733	0.009463	0.01267	0.0176	0.015937	0.015724	0.015855
0.0596	0.008998	0.011109	0.010277	0.010076	0.009804	0.013208	0.018089	0.016458	0.016269	0.016401
0.0606	0.009376	0.011442	0.010619	0.010431	0.010199	0.013781	0.018554	0.016919	0.01683	0.01704
0.0616	0.009738	0.011877	0.011052	0.010849	0.010628	0.014299	0.019203	0.017565	0.017491	0.01776
0.0627	0.010141	0.012311	0.011484	0.01124	0.011023	0.014883	0.019839	0.018209	0.018058	0.018404
0.0637	0.010567	0.012773	0.011945	0.011623	0.011387	0.015474	0.020433	0.018906	0.0186	0.018999
0.0647	0.010946	0.013213	0.012433	0.012054	0.011795	0.016005	0.021142	0.01973	0.019339	0.019742
0.0658	0.011278	0.013701	0.012923	0.01249	0.01225	0.0165	0.021989	0.020574	0.020133	0.020567
0.0669	0.011674	0.014194	0.013426	0.012972	0.012744	0.017103	0.02283	0.021388	0.020977	0.021442
0.068	0.011997	0.014589	0.013845	0.013412	0.013208	0.017558	0.023499	0.022005	0.021723	0.022231
0.0691	0.012214	0.014916	0.014233	0.013836	0.013617	0.017817	0.023983	0.022506	0.022353	0.022866
0.0703	0.012524	0.015415	0.014712	0.014303	0.014063	0.018253	0.024631	0.023109	0.022963	0.023547
0.0714	0.012919	0.015929	0.01522	0.014835	0.014599	0.018808	0.025353	0.023857	0.023888	0.02448
0.0726	0.013352	0.016554	0.015811	0.015429	0.015208	0.019351	0.026371	0.024798	0.024947	0.02557
0.0738	0.013845	0.017206	0.016435	0.016073	0.015862	0.019891	0.027517	0.025829	0.026184	0.026788
0.075	0.014503	0.017988	0.017132	0.016742	0.016556	0.020893	0.028889	0.026951	0.027337	0.028009
0.0762	0.015297	0.018784	0.017857	0.017418	0.017256	0.022056	0.030118	0.028106	0.028411	0.029162
0.0775	0.016199	0.019797	0.018672	0.018124	0.017965	0.023332	0.031725	0.029476	0.029504	0.030299
0.0788	0.017137	0.020628	0.019417	0.018766	0.018596	0.02465	0.032718	0.030598	0.030363	0.031221
0.0801	0.017926	0.021511	0.020255	0.01949	0.019264	0.02578	0.034047	0.032067	0.031468	0.03227
0.0814	0.018533	0.022245	0.02095	0.020117	0.019832	0.02656	0.035138	0.033185	0.032363	0.03311
0.0827	0.019106	0.022835	0.02153	0.02076	0.020458	0.027452	0.036076	0.03402	0.033277	0.034051
0.0841	0.019833	0.023621	0.022122	0.02148	0.021224	0.02891	0.037614	0.034965	0.034473	0.035356
0.0855	0.020605	0.024524	0.022842	0.022225	0.022006	0.03061	0.039378	0.036305	0.035696	0.036692
0.0869	0.021522	0.025554	0.023687	0.023045	0.022782	0.03235	0.041032	0.037747	0.036963	0.037985
0.0883	0.022342	0.026576	0.0246	0.023895	0.023495	0.033656	0.042572	0.039237	0.038154	0.039117
0.0898	0.022946	0.027576	0.025567	0.024842	0.024289	0.034475	0.044163	0.040831	0.039572	0.04041
0.0913	0.023546	0.028389	0.026421	0.025685	0.025025	0.035127	0.045542	0.042271	0.040861	0.041683
0.0928	0.024209	0.029282	0.027399	0.026581	0.025747	0.03622	0.04711	0.043951	0.042391	0.043009
0.0943	0.024997	0.03033	0.028564	0.027607	0.026704	0.037557	0.048964	0.045959	0.044142	0.044647
0.0959	0.025812	0.031589	0.029876	0.028803	0.027837	0.038586	0.051246	0.048222	0.046233	0.046641
0.0975	0.026771	0.032997	0.031208	0.030075	0.028991	0.039527	0.053703	0.050411	0.048508	0.048804
0.0991	0.028022	0.034615	0.032756	0.031577	0.030298	0.041067	0.05611	0.052757	0.051094	0.051201
0.1007	0.02932	0.036097	0.033996	0.032823	0.031418	0.043176	0.05811	0.054498	0.053114	0.05312
0.1024	0.030777	0.037955	0.035494	0.034276	0.032877	0.045509	0.061245	0.056863	0.055419	0.055505
0.104	0.032046	0.039776	0.03679	0.035473	0.034084	0.047364	0.064447	0.05888	0.057128	0.057294
0.1058	0.033184	0.041294	0.037973	0.036828	0.035468	0.048958	0.067131	0.060745	0.059299	0.059519
0.1075	0.034222	0.04256	0.03903	0.037987	0.03667	0.050159	0.069015	0.062153	0.060783	0.061196
0.1093	0.035161	0.043707	0.0402	0.039288	0.037956	0.051562	0.070918	0.063826	0.062667	0.063163
0.1111	0.036118	0.04496	0.041657	0.040674	0.03946	0.053085	0.073201	0.066126	0.06477	0.065486
0.1129	0.037928	0.046561	0.043232	0.042214	0.041107	0.055698	0.075858	0.068774	0.067467	0.068241
0.1148	0.039409	0.048262	0.0448	0.043681	0.042646	0.057422	0.078954	0.071464	0.070056	0.070888

DIS.RESPONSE (cm.).

	$\bar{X}$					$\bar{X}$+SD				
PERIOD	20	40	80	160	200	20	40	80	160	200
0.1167	0.041195	0.049962	0.046689	0.045308	0.044276	0.059959	0.081893	0.074813	0.072744	0.073604
0.1186	0.043167	0.051287	0.048139	0.046843	0.045766	0.062804	0.083483	0.077079	0.07521	0.076104
0.1206	0.044973	0.052616	0.049662	0.048456	0.047307	0.065528	0.085076	0.079367	0.077615	0.078581
0.1225	0.046347	0.054189	0.051137	0.04999	0.048764	0.067953	0.08739	0.081542	0.07999	0.080984
0.1246	0.047995	0.05645	0.05298	0.051903	0.050622	0.070704	0.090887	0.084575	0.083092	0.084154
0.1266	0.04984	0.059125	0.055151	0.053909	0.052518	0.073172	0.095108	0.088129	0.086298	0.087473
0.1287	0.051893	0.061863	0.057209	0.055982	0.054406	0.076276	0.099777	0.091614	0.089597	0.090829
0.1308	0.054062	0.064854	0.059637	0.058276	0.05642	0.079552	0.105109	0.096049	0.093298	0.094465
0.133	0.056429	0.067407	0.061985	0.060595	0.058619	0.083739	0.109358	0.099839	0.097195	0.098366
0.1352	0.058022	0.068766	0.063676	0.062688	0.06074	0.08653	0.111068	0.102207	0.100594	0.102016
0.1374	0.060069	0.070252	0.065412	0.064738	0.062877	0.090721	0.112679	0.104439	0.103681	0.105323
0.1397	0.061958	0.072552	0.067775	0.067086	0.065395	0.094759	0.11667	0.108284	0.107307	0.109319
0.142	0.063148	0.075198	0.070384	0.069459	0.067952	0.096569	0.122024	0.113078	0.111152	0.113616
0.1443	0.065638	0.078853	0.073403	0.072005	0.070458	0.099718	0.128437	0.11837	0.115132	0.117765
0.1467	0.068377	0.08296	0.076646	0.074731	0.072922	0.103148	0.135561	0.124029	0.119566	0.122231
0.1491	0.071302	0.086981	0.080113	0.077698	0.075449	0.106963	0.142049	0.12941	0.124229	0.126555
0.1516	0.07414	0.091108	0.083819	0.080908	0.078323	0.111563	0.149528	0.135611	0.129623	0.131777
0.1541	0.076237	0.094829	0.087554	0.084349	0.081809	0.115007	0.157446	0.142199	0.135901	0.138037
0.1566	0.077837	0.097694	0.090716	0.087482	0.084978	0.117262	0.162356	0.147202	0.141409	0.143352
0.1592	0.0797	0.100362	0.09351	0.090744	0.088094	0.120405	0.166618	0.151888	0.147324	0.148851
0.1619	0.081568	0.102805	0.096596	0.094071	0.091381	0.123516	0.169274	0.156705	0.152902	0.154271
0.1645	0.084446	0.105987	0.099964	0.09783	0.094797	0.128493	0.173826	0.162417	0.159599	0.160571
0.1672	0.088581	0.109428	0.103459	0.101432	0.098012	0.135167	0.177865	0.167778	0.164708	0.16555
0.17	0.094416	0.114072	0.107702	0.10552	0.102083	0.144668	0.183878	0.174155	0.170106	0.171488
0.1728	0.100272	0.119931	0.112916	0.110121	0.106828	0.153329	0.193888	0.183079	0.177149	0.179149
0.1757	0.105397	0.126403	0.118509	0.114985	0.111804	0.160812	0.206377	0.192842	0.185372	0.187645
0.1786	0.109129	0.132196	0.123168	0.119225	0.116194	0.166093	0.217494	0.200756	0.192865	0.195226
0.1815	0.113118	0.137862	0.127727	0.12401	0.120982	0.172782	0.227724	0.207914	0.201078	0.203358
0.1845	0.118026	0.143356	0.132275	0.128927	0.125733	0.180439	0.235371	0.21393	0.208416	0.210666
0.1875	0.123986	0.150301	0.137897	0.13432	0.130844	0.190037	0.247074	0.223068	0.216843	0.218849
0.1906	0.128738	0.157857	0.144213	0.139646	0.135669	0.197203	0.261789	0.234974	0.225957	0.227422
0.1938	0.133206	0.164261	0.149594	0.144395	0.141143	0.203001	0.274126	0.245046	0.234173	0.236625
0.197	0.137493	0.169194	0.154388	0.149173	0.146512	0.208388	0.280975	0.251808	0.241284	0.245195
0.2002	0.141196	0.17414	0.159085	0.154817	0.152529	0.21242	0.287428	0.25795	0.249801	0.25535
0.2035	0.14435	0.180204	0.164861	0.161173	0.158762	0.216342	0.296638	0.26607	0.259929	0.266438
0.2069	0.149269	0.18718	0.171678	0.167782	0.164901	0.223367	0.306517	0.276449	0.270607	0.277415
0.2103	0.15564	0.195241	0.179083	0.174449	0.171092	0.232368	0.318502	0.288095	0.280725	0.287564
0.2138	0.161391	0.202848	0.185961	0.180314	0.177433	0.241353	0.330836	0.299472	0.289845	0.297636
0.2173	0.167932	0.211196	0.193403	0.187048	0.1842	0.254354	0.347943	0.312956	0.301587	0.30929
0.2209	0.173696	0.218366	0.200224	0.194059	0.190923	0.266579	0.362507	0.324814	0.313903	0.321041
0.2245	0.181175	0.225792	0.206621	0.201032	0.197504	0.28128	0.375018	0.335005	0.325336	0.33184
0.2282	0.188155	0.234742	0.214097	0.208511	0.204667	0.293646	0.39287	0.349526	0.338214	0.34403
0.232	0.193897	0.244048	0.22266	0.216759	0.212574	0.302455	0.412368	0.366986	0.353101	0.357981
0.2358	0.201299	0.253017	0.231185	0.225756	0.220795	0.31166	0.427836	0.38152	0.368096	0.37205
0.2397	0.207787	0.26014	0.239047	0.233856	0.228657	0.317184	0.437549	0.392771	0.381267	0.385667
0.2437	0.215431	0.268205	0.247638	0.24208	0.23631	0.325569	0.448888	0.405157	0.394481	0.399579
0.2477	0.226021	0.280226	0.259262	0.252151	0.24611	0.338687	0.46667	0.423311	0.410193	0.416543
0.2518	0.237349	0.292794	0.270961	0.262245	0.256863	0.355296	0.485732	0.441473	0.424744	0.433663
0.2559	0.246095	0.303014	0.28152	0.271994	0.26664	0.367196	0.498622	0.456406	0.437756	0.448468
0.2601	0.254609	0.312394	0.29111	0.280767	0.275207	0.378232	0.51034	0.469592	0.449761	0.461394
0.2644	0.262861	0.319505	0.298756	0.289196	0.284516	0.390407	0.517951	0.479054	0.461741	0.475391
0.2688	0.273036	0.327862	0.30703	0.298163	0.294215	0.411632	0.528797	0.490117	0.474685	0.490168
0.2732	0.283141	0.337031	0.31603	0.307972	0.304121	0.434946	0.542799	0.502679	0.489111	0.505124
0.2777	0.295576	0.350655	0.327803	0.31918	0.314454	0.458777	0.568834	0.524614	0.508526	0.522843
0.2823	0.30832	0.363337	0.339857	0.330505	0.325417	0.481627	0.590954	0.546193	0.52853	0.542098
0.287	0.322521	0.379334	0.354185	0.343096	0.337705	0.505846	0.62239	0.573936	0.552424	0.564968
0.2917	0.337135	0.395477	0.369464	0.356805	0.351447	0.532194	0.652209	0.603693	0.578439	0.590259
0.2965	0.353439	0.411814	0.3853	0.371539	0.366075	0.559822	0.679867	0.63282	0.60461	0.615829
0.3014	0.370917	0.427784	0.400317	0.386109	0.381071	0.586205	0.701979	0.657972	0.628658	0.640706
0.3064	0.387991	0.446635	0.414966	0.400795	0.39655	0.609842	0.727321	0.68044	0.652584	0.666416
0.3115	0.40335	0.465444	0.429127	0.414996	0.413495	0.63149	0.754981	0.703344	0.675643	0.693968
0.3166	0.416642	0.483373	0.443446	0.43005	0.430146	0.650318	0.782314	0.725961	0.698846	0.721003
0.3218	0.427398	0.501877	0.459418	0.445892	0.446956	0.664543	0.810764	0.748917	0.72207	0.747499
0.3271	0.438519	0.516827	0.474063	0.461736	0.462174	0.678558	0.830226	0.765521	0.745403	0.771282
0.3325	0.455701	0.535544	0.490169	0.478633	0.477345	0.699315	0.857363	0.784494	0.770577	0.794667
0.338	0.475475	0.558688	0.50654	0.495642	0.492174	0.72478	0.896411	0.807499	0.797632	0.818378
0.3436	0.4913	0.578664	0.520445	0.511147	0.505527	0.743345	0.933843	0.830594	0.822743	0.841329
0.3493	0.505805	0.595219	0.533232	0.527156	0.519099	0.763087	0.964578	0.851982	0.849373	0.86588
0.355	0.514011	0.61224	0.550337	0.545244	0.533664	0.772116	0.998	0.883094	0.880241	0.893116
0.3609	0.519716	0.627702	0.568371	0.562806	0.547059	0.776831	1.025404	0.915099	0.910134	0.919204
0.3668	0.529231	0.64951	0.592832	0.583697	0.564369	0.785174	1.075214	0.967696	0.952005	0.956242
0.3729	0.539973	0.674389	0.619523	0.60716	0.585354	0.792754	1.132736	1.026617	0.999986	1.001437
0.379	0.554933	0.69639	0.644128	0.629625	0.606	0.809316	1.179127	1.077506	1.043779	1.043648
0.3853	0.575259	0.720541	0.667737	0.652865	0.628681	0.840355	1.222005	1.1204	1.084174	1.084871
0.3916	0.590836	0.745999	0.689468	0.675662	0.650879	0.862591	1.265433	1.155548	1.121786	1.123414
0.3981	0.605732	0.7689	0.707603	0.6979	0.67266	0.891641	1.308816	1.184668	1.160822	1.163212
0.4047	0.627601	0.792796	0.72962	0.722441	0.69641	0.929264	1.352589	1.217667	1.203638	1.205906
0.4114	0.656029	0.820386	0.757576	0.748392	0.720899	0.976187	1.399794	1.261504	1.249754	1.250035
0.4181	0.682864	0.845915	0.783981	0.772145	0.743583	1.019787	1.442232	1.305575	1.294516	1.293012
0.425	0.712762	0.872852	0.812959	0.795885	0.766794	1.070122	1.487203	1.358739	1.33839	1.336473
0.432	0.750024	0.901487	0.842181	0.81924	0.78957	1.128163	1.530437	1.41111	1.374614	1.373491
0.4392	0.790662	0.929679	0.872415	0.846051	0.815244	1.19097	1.569179	1.460127	1.414023	1.413272
0.4464	0.834895	0.962359	0.901433	0.874461	0.842493	1.264191	1.612363	1.503786	1.459401	1.457851

DIS.RESPONSE (cm.).

	$\bar{X}$					$\bar{X}$+SD				
PERIOD	20	40	80	160	200	20	40	80	160	200
0.4538	0.873122	0.989744	0.924152	0.899656	0.866504	1.330623	1.645581	1.535337	1.500101	1.497697
0.4613	0.907957	1.017578	0.950331	0.924989	0.890213	1.391207	1.676544	1.575387	1.543229	1.538278
0.4689	0.940105	1.047167	0.977101	0.950424	0.914673	1.44973	1.710872	1.612463	1.582638	1.576565
0.4766	0.974662	1.080431	1.002661	0.975946	0.939455	1.520939	1.758551	1.646346	1.620298	1.614382
0.4845	1.027954	1.125661	1.030642	1.002833	0.964892	1.637369	1.841283	1.689357	1.661906	1.654019
0.4925	1.078425	1.168955	1.062375	1.031997	0.993195	1.758451	1.937635	1.751155	1.716389	1.705541
0.5006	1.119099	1.20161	1.091285	1.060994	1.023062	1.854856	2.018737	1.809398	1.77542	1.765505
0.5089	1.146889	1.224171	1.115061	1.087656	1.05001	1.922205	2.0772	1.85305	1.830766	1.821662
0.5173	1.164042	1.240963	1.136489	1.111434	1.073242	1.955903	2.111334	1.881761	1.875621	1.867286
0.5258	1.177986	1.257219	1.158012	1.135377	1.096055	1.973004	2.12615	1.900836	1.912049	1.904601
0.5345	1.197733	1.274864	1.179766	1.1617	1.123511	1.993945	2.135614	1.918713	1.945389	1.941012
0.5433	1.212704	1.293429	1.200845	1.185728	1.147847	2.015234	2.148337	1.939511	1.971387	1.969481
0.5522	1.215883	1.306193	1.222279	1.208717	1.170218	2.015622	2.146877	1.96029	1.995079	1.997547
0.5614	1.220107	1.330648	1.251897	1.237039	1.200034	2.008163	2.166154	1.998392	2.03053	2.040367
0.5706	1.224232	1.351345	1.279163	1.264021	1.22897	1.994685	2.176973	2.032	2.06101	2.080179
0.58	1.234988	1.38552	1.316222	1.299307	1.264936	1.999889	2.236111	2.096671	2.109248	2.133268
0.5896	1.247267	1.423836	1.3548	1.336271	1.3023	2.006235	2.301024	2.165296	2.166317	2.19241
0.5993	1.261829	1.456938	1.387317	1.370377	1.338407	2.007439	2.351623	2.216223	2.223254	2.251122
0.6092	1.282781	1.487571	1.419488	1.40383	1.375604	2.022048	2.400258	2.259234	2.277749	2.309168
0.6193	1.299972	1.511142	1.449022	1.43675	1.411358	2.027515	2.441712	2.296297	2.337666	2.369394
0.6295	1.317642	1.53737	1.481689	1.47101	1.450536	2.030796	2.484463	2.337261	2.406496	2.438713
0.6399	1.333262	1.562807	1.5132	1.504162	1.487857	2.034489	2.527549	2.383655	2.475925	2.510596
0.6504	1.366688	1.601238	1.551066	1.540918	1.527197	2.071969	2.600654	2.453129	2.552164	2.585383
0.6612	1.416887	1.650813	1.592627	1.57866	1.564347	2.165674	2.701223	2.535244	2.628978	2.655594
0.6721	1.462778	1.702978	1.632317	1.612968	1.601388	2.259212	2.805296	2.615445	2.699028	2.723333
0.6832	1.507277	1.750864	1.663194	1.643136	1.634888	2.352282	2.898762	2.681152	2.760869	2.784968
0.6944	1.542974	1.789517	1.687439	1.669755	1.661533	2.426774	2.975058	2.733803	2.81069	2.833527
0.7059	1.569173	1.818088	1.707981	1.695345	1.686476	2.476242	3.024564	2.769329	2.852928	2.875067
0.7175	1.58122	1.839838	1.730396	1.721982	1.714249	2.49861	3.063457	2.815722	2.901057	2.926301
0.7294	1.588473	1.871269	1.75711	1.7499	1.741684	2.516562	3.134751	2.881634	2.960926	2.985054
0.7414	1.588719	1.899932	1.78429	1.77939	1.770689	2.527108	3.216673	2.959814	3.035137	3.054834
0.7536	1.613273	1.93535	1.813598	1.812606	1.803235	2.578499	3.309049	3.04622	3.11374	3.128274
0.7661	1.65721	1.982821	1.846374	1.846494	1.836718	2.662115	3.413528	3.132207	3.185104	3.19725
0.7787	1.704863	2.034542	1.876858	1.878306	1.872891	2.750849	3.513947	3.204695	3.243195	3.261255
0.7916	1.751778	2.082154	1.901578	1.903516	1.903431	2.846969	3.602913	3.26143	3.282854	3.310331
0.8046	1.796146	2.128819	1.926641	1.92624	1.930508	2.940017	3.687693	3.313852	3.312054	3.348684
0.8179	1.849728	2.199586	1.973361	1.96205	1.967095	3.038237	3.857422	3.423665	3.370709	3.409246
0.8314	1.913506	2.281503	2.026344	2.004291	2.006799	3.137494	4.042141	3.538169	3.443109	3.478475
0.8451	1.982438	2.353695	2.07118	2.039512	2.040286	3.246351	4.199101	3.627897	3.50256	3.537847
0.8591	2.047732	2.411024	2.105551	2.073119	2.068458	3.354308	4.314834	3.689659	3.559742	3.593217
0.8732	2.096726	2.452247	2.131264	2.101111	2.089784	3.439572	4.389837	3.736299	3.608487	3.638062
0.8876	2.132612	2.482225	2.156191	2.128227	2.108479	3.501812	4.429278	3.770083	3.648815	3.672591
0.9023	2.155311	2.519613	2.189444	2.157121	2.130246	3.537722	4.470398	3.813166	3.689785	3.710139
0.9172	2.178824	2.546997	2.219231	2.18236	2.151974	3.569848	4.480263	3.841453	3.721194	3.744218
0.9323	2.208387	2.565752	2.247337	2.20744	2.173832	3.609405	4.4625	3.85694	3.74412	3.774015
0.9477	2.230475	2.576501	2.272037	2.229914	2.196576	3.637248	4.437396	3.870544	3.763045	3.810451
0.9633	2.237164	2.590411	2.299721	2.252234	2.218114	3.637124	4.453977	3.912563	3.796268	3.857483
0.9792	2.239003	2.59283	2.320843	2.270774	2.235621	3.628071	4.444514	3.938375	3.821493	3.894945
0.9954	2.242606	2.609247	2.347248	2.293441	2.259601	3.608551	4.48574	3.989854	3.862835	3.946485
1.0118	2.259097	2.628391	2.374463	2.317361	2.287003	3.617248	4.53192	4.056749	3.914403	4.006908
1.0285	2.277153	2.646405	2.401537	2.343994	2.317983	3.622361	4.570815	4.126442	3.973091	4.072313
1.0454	2.277415	2.652698	2.424953	2.367789	2.350305	3.594519	4.591373	4.185226	4.026028	4.142443
1.0627	2.269887	2.655065	2.448076	2.389696	2.380942	3.545483	4.603786	4.236048	4.074231	4.205229
1.0802	2.26499	2.66558	2.474262	2.41884	2.413859	3.5057	4.623503	4.286624	4.132356	4.267541
1.098	2.267077	2.692327	2.506745	2.457536	2.45067	3.467587	4.648486	4.332322	4.198751	4.327352
1.1162	2.273137	2.72442	2.541581	2.494345	2.483116	3.437377	4.681952	4.376455	4.257374	4.375502
1.1346	2.291491	2.763139	2.575229	2.53006	2.513249	3.440563	4.733722	4.421621	4.314326	4.421827
1.1533	2.319377	2.821919	2.616289	2.570955	2.551009	3.46587	4.859578	4.499957	4.391006	4.495393
1.1723	2.34369	2.885553	2.658209	2.610127	2.587524	3.489126	5.025023	4.594327	4.470705	4.571557
1.1917	2.377474	2.949654	2.703612	2.649845	2.624953	3.534	5.18348	4.692729	4.546812	4.6455
1.2113	2.415279	3.012174	2.755582	2.692105	2.66386	3.583912	5.322599	4.798917	4.619894	4.716906
1.2313	2.460348	3.0658	2.809759	2.734406	2.703074	3.644322	5.431155	4.89776	4.684299	4.782321
1.2516	2.507921	3.120309	2.869767	2.780044	2.743844	3.715485	5.536126	5.000111	4.749251	4.849016
1.2723	2.548396	3.158444	2.920166	2.8225	2.783232	3.790139	5.601319	5.078863	4.801381	4.90813
1.2933	2.582739	3.197458	2.968496	2.867607	2.826252	3.867772	5.643546	5.140144	4.852229	4.967932
1.3146	2.626383	3.274224	3.036362	2.929348	2.894017	3.962523	5.808198	5.270954	4.948573	5.07246
1.3363	2.659786	3.345128	3.096681	2.988083	2.960957	4.045173	5.961649	5.390048	5.042307	5.175227
1.3583	2.700533	3.409888	3.152569	3.045292	3.024184	4.121347	6.076627	5.487762	5.124754	5.265761
1.3808	2.753266	3.469526	3.201561	3.096191	3.080226	4.203507	6.159739	5.563603	5.190942	5.341175
1.4035	2.82334	3.526008	3.246607	3.143003	3.131164	4.311094	6.216399	5.620638	5.243838	5.409187
1.4267	2.906011	3.582774	3.289532	3.191464	3.181613	4.441317	6.26525	5.670545	5.298401	5.479919
1.4502	2.977723	3.65262	3.339018	3.245621	3.2346	4.560058	6.403455	5.773601	5.389711	5.57594
1.4742	3.045775	3.73118	3.397092	3.301513	3.285649	4.654393	6.556104	5.891759	5.487051	5.669032
1.4985	3.101811	3.803098	3.454664	3.355609	3.334644	4.721001	6.707458	6.011329	5.584989	5.757819
1.5232	3.152483	3.872318	3.512372	3.41362	3.384961	4.766753	6.855903	6.127879	5.686244	5.843889
1.5483	3.194291	3.936755	3.56852	3.469678	3.431601	4.794195	6.996713	6.236243	5.785187	5.921403
1.5739	3.233306	4.009539	3.628967	3.528105	3.478176	4.81187	7.140301	6.342353	5.884536	5.993724
1.5998	3.285925	4.087212	3.694794	3.591433	3.530562	4.855131	7.28107	6.446249	5.987104	6.069121
1.6262	3.34057	4.169638	3.764856	3.657128	3.593125	4.905376	7.427339	6.553215	6.09484	6.167926
1.6531	3.393172	4.251059	3.835281	3.725124	3.65797	4.965092	7.572081	6.663888	6.209588	6.275474
1.6803	3.446201	4.332728	3.908623	3.794947	3.724505	5.025091	7.709143	6.778033	6.325461	6.3844
1.7081	3.492377	4.406715	3.97852	3.862419	3.787898	5.08499	7.83476	6.886176	6.437004	6.490316
1.7362	3.538846	4.477315	4.046016	3.92781	3.847817	5.163935	7.956958	6.994031	6.550535	6.597136

DIS.RESPONSE (cm.).

	$\bar{X}$					$\bar{X}$+SD				
PERIOD	20	40	80	160	200	20	40	80	160	200
1.7649	3.597843	4.562289	4.115716	3.995789	3.908104	5.262807	8.1017	7.109073	6.673088	6.710268
1.794	3.652905	4.647606	4.182765	4.06182	3.964805	5.366179	8.257491	7.226197	6.797383	6.822854
1.8236	3.703231	4.725952	4.251842	4.12526	4.017782	5.470642	8.405967	7.344996	6.917535	6.930286
1.8537	3.748724	4.798249	4.317564	4.185179	4.066839	5.569929	8.547021	7.459068	7.032653	7.031588
1.8843	3.795173	4.867273	4.379275	4.243542	4.115028	5.659225	8.680285	7.566778	7.146473	7.130842
1.9154	3.84881	4.952156	4.444497	4.300696	4.171379	5.744938	8.840584	7.68624	7.2637	7.244381
1.947	3.90302	5.037345	4.508341	4.358544	4.227693	5.830305	9.009182	7.809123	7.38675	7.366359
1.9791	3.963012	5.119725	4.569277	4.417239	4.284915	5.921257	9.17427	7.927084	7.507263	7.488564
2.0117	4.01421	5.206698	4.637656	4.481902	4.345525	6.002882	9.35965	8.057165	7.64052	7.620849
2.0449	4.071539	5.301168	4.718227	4.552925	4.410231	6.096861	9.556566	8.213462	7.788479	7.766131
2.0787	4.140035	5.402759	4.810642	4.629945	4.477236	6.201459	9.76198	8.386916	7.946317	7.916757
2.113	4.203659	5.504288	4.904782	4.708167	4.549628	6.295058	9.968405	8.564828	8.110068	8.075063
2.1478	4.261391	5.615071	5.004539	4.790462	4.63167	6.382685	10.25316	8.789014	8.300013	8.258349
2.1833	4.313608	5.739115	5.110215	4.880107	4.721741	6.464075	10.62333	9.062229	8.521437	8.469358
2.2193	4.357847	5.850483	5.20773	4.966996	4.808141	6.536242	10.96915	9.318983	8.735845	8.673077
2.2559	4.397851	5.949325	5.299357	5.052435	4.893167	6.601765	11.2848	9.556299	8.941704	8.868425
2.2931	4.449084	6.050619	5.391085	5.140928	4.980298	6.674684	11.59537	9.789126	9.145819	9.062395
2.331	4.512445	6.163643	5.482962	5.229743	5.065647	6.752168	11.90351	10.0139	9.344875	9.252397
2.3694	4.566676	6.269287	5.566278	5.317772	5.149837	6.825509	12.18424	10.21712	9.537766	9.436274
2.4085	4.613387	6.360237	5.647897	5.407935	5.237708	6.892501	12.42543	10.40112	9.723015	9.615697
2.4482	4.647284	6.430311	5.72031	5.494754	5.326824	6.949447	12.61865	10.55762	9.893194	9.80072
2.4886	4.681177	6.496429	5.790989	5.577607	5.416319	7.009007	12.77891	10.6976	10.04878	9.978645
2.5297	4.719561	6.574183	5.870722	5.664969	5.510659	7.08535	12.94943	10.84607	10.21004	10.15994
2.5714	4.756767	6.660152	5.95757	5.755763	5.607097	7.157649	13.11291	10.99369	10.37553	10.34062
2.6139	4.794588	6.744886	6.042931	5.846087	5.704139	7.21757	13.25887	11.13195	10.53349	10.51468
2.657	4.829628	6.819034	6.123653	5.93823	5.801597	7.257935	13.3725	11.25541	10.69362	10.68953
2.7008	4.852835	6.878549	6.201497	6.024381	5.894277	7.27981	13.44944	11.36467	10.83466	10.84748
2.7454	4.881416	6.941802	6.283695	6.107006	5.984218	7.291676	13.52014	11.47552	10.96134	10.99274
2.7907	4.919018	7.012487	6.371983	6.192295	6.077804	7.294717	13.5978	11.59521	11.08798	11.13914
2.8367	4.949769	7.076719	6.457563	6.276629	6.171532	7.288934	13.67301	11.71756	11.22834	11.29635
2.8835	4.999713	7.155987	6.552516	6.372095	6.275195	7.338471	13.77129	11.85718	11.38897	11.4692
2.9311	5.081245	7.265676	6.666528	6.480534	6.387691	7.452968	13.91733	12.0306	11.57101	11.65663
2.9795	5.19967	7.384037	6.788274	6.600023	6.508101	7.628646	14.04849	12.1984	11.75926	11.847
3.0286	5.317489	7.498148	6.914107	6.725829	6.632685	7.810586	14.15543	12.36436	11.94807	12.03485
3.0786	5.437597	7.613082	7.046544	6.853583	6.758153	8.000498	14.2439	12.52935	12.13338	12.21971
3.1294	5.558355	7.733914	7.180704	6.979369	6.883003	8.198839	14.33692	12.69812	12.3161	12.40416
3.181	5.682958	7.859979	7.314943	7.111227	7.01227	8.40919	14.47315	12.8934	12.51971	12.6044
3.2335	5.811528	7.989494	7.451377	7.245761	7.145654	8.628018	14.61378	13.09242	12.72821	12.8099
3.2868	5.940388	8.110954	7.583458	7.375653	7.276234	8.844625	14.73473	13.28242	12.92969	13.01028
3.3411	6.07257	8.23071	7.723223	7.507249	7.408794	9.060537	14.83958	13.47041	13.12787	13.20954
3.3962	6.202735	8.374393	7.88143	7.649735	7.552885	9.269524	15.09192	13.74798	13.3795	13.45827
3.4522	6.324822	8.513591	8.040427	7.791136	7.700159	9.469137	15.3311	14.02714	13.63184	13.71741
3.5092	6.438169	8.664905	8.210148	7.942124	7.861518	9.662865	15.62111	14.34925	13.90809	14.00731
3.5671	6.546226	8.805978	8.369655	8.091221	8.018823	9.842217	15.8755	14.64654	14.17571	14.28769
3.6259	6.650162	8.942266	8.532472	8.237698	8.171051	10.01745	16.12479	14.94663	14.43939	14.55922
3.6858	6.751053	9.083852	8.697081	8.380364	8.316789	10.1855	16.41678	15.26694	14.71005	14.83064
3.7466	6.850724	9.227802	8.863515	8.520976	8.458492	10.35141	16.71436	15.58917	14.98094	15.09873
3.8084	6.960101	9.372736	9.030283	8.666005	8.600262	10.55605	16.9975	15.89876	15.25395	15.365
3.8712	7.079285	9.516828	9.193789	8.818774	8.751942	10.79376	17.26168	16.19669	15.53574	15.64043
3.9351	7.199703	9.675807	9.363622	8.973795	8.910347	11.03139	17.51622	16.48647	15.81298	15.91851
4	7.328284	9.839372	9.531993	9.126584	9.064509	11.27787	17.74504	16.75969	16.07848	16.18407

ภาคผนวก ช.

แสดงรายละเอียดการวิเคราะห์โครงข้อแข็งในระนาบต้านทานแผ่นดินไหว

ด้วยวิธีทางสถิตย์ เสนอโดยคณะอนุกรรมการร่างกฎกระทรวงวางข้อกำหนด

ในการต้านทานแรงสั่นสะเทือนของแผ่นดินไหว

และ

แสดงรายละเอียดโปรแกรม รวมทั้งผลลัพธ์จากกรณีศึกษา

ในการคำนวนแรงแผ่นดินไหวที่กระทำต่ออาคาร แรงเฉือนทั้งหมดในแนวราบที่ระดับพื้นดินสามารถหาได้ดังนี้

$$V = ZIKCSW$$

โดยที่ V คือ แรงเฉือนทั้งหมดในแนวราบที่ระดับพื้นดิน

Z คือ สัมประสิทธิ์ความเข้มของแผ่นดินไหว ดูตารางที่ ช.1

I คือ ตัวคูณเกี่ยวกับการใช้อาคาร ดูตารางที่ ช.2

K คือ สัมประสิทธิ์ของระบบโครงสร้างที่รับแรงในแนวราบ ดูตารางที่ ช.3

C คือ สัมประสิทธิ์ทางจลน์

S คือ สัมประสิทธิ์ของการประสานความถี่ธรรมชาติของแผ่นดินไหว ดูตารางที่ ช.4

W คือ น้ำหนักของตัวอาคารทั้งหมด

ในการคำนวนแรงแผ่นดินไหวที่กระทำต่ออาคารในแนวราบที่ระดับพื้นต่าง ๆ นั้น สามารถคำนวนโดยกระจายแรงเฉือนทั้งหมดในแนวระนาบที่ระดับพื้นดินดังนี้

1. แรงในแนวระนาบที่กระทำต่อพื้นชั้นบนสุดของอาคารหาได้จาก

$$F_t = 0.07TV$$

ค่าของ Ft ที่ได้จากสูตรนี้ไม่ควรจะใช้เกิน 0.25V

ค่าแรงเฉือนที่หัก Ft ออกแล้วจะกระจายดังในข้อ 2

ค่า Ft นี้จะใช้เฉพาะอาคารที่มีคาบธรรมชาติไม่น้อยกว่า 0.7

2. แรงในแนวราบที่กระทำต่อพื้นชั้นต่าง ๆ รวมทั้งชั้นบนสุดของอาคาร หาได้ดังนี้

$$F_x = \frac{(V-F_t)\, W_x h_x}{W_i h_i}$$

Ft คือ แรงในแนวราบที่กระทำต่อพื้นชั้นบนสุดของอาคาร

Fx คือ แรงในแนวราบที่กระทำต่อพื้นชั้นที่ x ของอาคาร

T คือ ความธรรมชาติของอาคาร มีหน่วยเป็นวินาที

Wx,Wi คือ น้ำหนักของพื้นชั้นอาคารชั้นที่ x และชั้นที่ 1 ตามลำดับ

hx,hi คือ ความสูงจากระดับพื้นดินถึงพื้นชั้นที่ x และพื้นชั้นที่ i ตามลำดับ

คือ ผลรวมของผลคูณระหว่างน้ำหนักกับความสูงจากพื้นชั้นที่ 1 ถึงชั้นที่ n

n คือ จำนวนชั้นทั้งหมดของอาคาร

ตารางที่ ช.1

จังหวัด	ค่า Z
กทม.,กระบี่,กาฬสิน,กำแพงเพชร,ขอนแก่น,ฉะเชิงเทรา, ชัยนาท,ชุมพร,นครปฐม,นครพนม,นครสวรรค์,นนทบุรี,น่าน ปทุมธานี,ประจวบคีรีขันธ์,อยุธยา,พังงา,พิจิตร,พิษณุโลก, เพชรบุรี,แพร่,ภูเก็ต,มหาสารคาม,มุกดาหาร,ยโสธร, ร้อยเอ็ด,ระนอง,ราชบุรี,ลพบุรี,ลำปาง,ศรีสะเกษ, สกลนคร,สมุทรปราการ,สมุทรสงคราม,สมุทรสาคร,สิงห์บุรี สุโขทัย,สุพรรณบุรี,สุราษฎ์ธานี,หนองคาย,อ่างทอง, อุดรธารี,อุตรดิษต์,อุทัยธานี,อุบลราชธานี	0.15
กาญจนบุรี,เชียงราย,เชียงใหม่,ตาก,พะเยา,แม่ฮองสอน, ลำพูน	0.25

ตารางที่ ช.2

ชนิดของอาคาร	ค่า I
1.อาคารที่มีความจำเป็นต่อความเป็นอยู่ เช่นโรงเรียน, โรงพยาบาล สถานีดับเพลิง อาคารหน่วยบรรเทาภัย, สถานีรถไฟ ท่าอากาศยาน เป็นต้น	1.5
2.อาคารซึ่งเป็นที่ชุมนุมชนครั้งหนึ่ง ๆ มากกว่า 300 คน หรือมีความสูงเกินกว่า 5 ชั้น	1.25
3.อาคารอื่น ๆ	1.0

ตารางที่ ช.3

ชนิดของโครงสร้างรับแรงในแนวราบ	ค่า K
1. อาคารที่เป็นโครงสร้างเหล็ก	0.67
2. อาคารระบบอื่น ๆ	1.0

ตารางที่ ช.4

ลักษณะของชั้นดิน	ค่า S
1. ชั้นดินอ่อน	1.5
2. ชั้นกินแข็ง	1.0

คาบธรรมชาติของอาคาร,T สามารถหาได้ดังนี้

$$T = 0.09\ h/\sqrt{D}$$

h คือ ความสูงของโครงสร้างอาคาร

D คือ ความกว้างของโครงสร้างอาคาร

สำหรับอาคารที่เป็นโครงสร้างเหล็กต้านทานแผ่นดินไหว คาบธรรมชาติของอาคารสามารถหาได้จากสูตรอย่างง่ายดังนี้

$$T = 0.1N$$

N คือ จำนวนชั้นของอาคาร

ค่าสัมประสิทธิ์ทางจลน์,C สามารถหาได้ดังนี้

$$C = \frac{1}{15\sqrt{T}}$$

แต่ค่า C จะใช้ได้ไม่เกิน 0.12 และ ผลคูณของ C และ S จะต้องไม่เกิน 0.14

รายละเอียดโปรแกรม

```
5   CLS
10  DIM SN(100),FA(100),LA(100),L(100),W(100),F(100)
12  DATA CMI,CRI,KRI,TAK,PYO,MSN,LPN
20  INPUT "SELECT PROVINCE (3-LETTERS) IS ";P$:PRINT
25  I=0
30  FOR I=1 TO 7
40  READ X$
60  IF P$=X$ THEN Z=.25
65  IF P$=X$ THEN GOTO 130
70  NEXT I
80  Z=.15
130 GOSUB 1000  'SUBROUTINE INPUT DATA
140 GOSUB 2000  'SUBROUTINE SEISMIC RESPONSE
150 GOSUB 3000  'SUBROUTINE PRINT DATA
155 GOSUB 4000  ,SUBROUTINE PRINT RESULT
160 END
1000 '      SUBROUTINE INPUT DATA
1003 PRINT "*************"
1005 PRINT " INPUT DATA"
1007 PRINT "*************":PRINT
1010 INPUT "NUMBER OF STOREYS =  ";N :PRINT
1020 SUM=0
1030 FOR I=1 TO N
1040 INPUT "STOREY NO.      = ";SN(I)
1050 INPUT "FLOOR AREA(M^2)= ";FA(I)
1060 INPUT "LOAD/AREA(KSM.)= ";LA(I)
1070 INPUT "LEVEL(M)        = ";L(I)
1080 PRINT
1090 W(I) = FA(I)*LA(I)
1100 SUM =SUM + W(I)
1110 NEXT I
1120 H=L(N)
1140 INPUT "WIDTH OF FRAME(M) = ";D:PRINT
1145 PRINT "-------------------- "
1150 PRINT " OCCUPANCY CATEGORY"
1155 PRINT "-------------------- "
1160 PRINT " 1.ESSENTIAL FACILITIES"
1170 PRINT "(SCHOOL,HOSPITAL,RAILWAY STATION,AIRPORT)"
1180 PRINT " 2.SPECIAL OCCUPANCY STRUCTURE"
1190 PRINT "(CAPACITY >300 PERSONS OR OVER 5 STOREYS)"
1200 PRINT " 3.OTHERS"
1210 INPUT "SELECT A NUMBER";J
1220 ON J GOTO 1230,1240,1250
1230 IM=1.5 : GOTO 1260
1240 IM=1.25 :GOTO 1260
1250 IM=1
1260 PRINT: PRINT "PLEASE INPUT K-FACTOR"
1270 PRINT "(FOR STEEL STRUCTURE-(USE 0.67);FOR OTHERS-(USE 1.0))"
1280 INPUT "K =";K:PRINT
1285 PRINT "-----------------"
1290 PRINT "SITE COEFFICIENTS"
1295 PRINT "-----------------"
1300 PRINT "1.A SOIL PROFILE WITH EITHER"
1310 PRINT " (a) A ROCK-LIKE MATERIAL"
1320 PRINT " (b) STIFF OR DENSE SOIL CONDITION"
1330 PRINT "2.A SOIL PROFILE CONTAINING MORE THAN 12 M. OF SOFT CLAY"
1340 INPUT "SELECT A NUMBER";KJ
1350 S=1.5
1360 IF KJ=1 THEN S=1:PRINT
1370 RETURN
```

```
2000 '  SUBROUTINE SEISMIC RESPONSE
2010 T= 9.000001E-02*H/SQR(D)
2020 C= 1/(15*SQR(T))
2030 IF C>.12 THEN C=.12
2032 CS=C*S
2035 IF CS>.14 THEN CS=.14
2040 V= Z*IM*CS*K*SUM
2050 X=0
2060 FOR II=1 TO N
2070 X= X+W(II)*L(II)
2080 NEXT II
2090 FT= .07*T*V
2100 IF T<.7 THEN FT=0
2110 FOR JJ=1 TO N
2120 F(JJ)= (V-FT)*W(JJ)*L(JJ)/X
2125 PRINT"LEVEL";JJ,"F (KG) =";F(JJ)
2130 NEXT JJ
2140 F(N)= F(N)+FT
2150 M=0
2160 FOR IK=1 TO N
2170 M= M+F(IK)*L(IK)
2180 NEXT IK
2200 RETURN
3000 '   SUBROUTINE PRINT DATA
3010 CLS
3020 PRINT "   INPUT DATA ":PRINT
3030 PRINT " SELECTED PROVINCE IS  ";P$
3035 PRINT " ZONE FACTOR          =";Z
3040 PRINT " IMPORTANT FACTOR     =";IM
3060 PRINT " K-FACTOR             =";K
3065 PRINT " DYNAMIC FACTOR       =";C
3070 PRINT " SITE COEFFICIENT     =";S
3075 PRINT " C&S RESULT           =";CS
3080 PRINT " TOTAL WEIGHTS(KG.) =";SUM
3090 PRINT " WIDTH OF FRAME(M.) =";D:PRINT
3100 PRINT "    STOREY NO.      STOREY LEVEL      STOREY WEIGHT"
3110 PRINT "                      (METER)            (KG.)"
3120 PRINT
3130 FOR I=1 TO N
3140 A$ =  "       ###             ####.##           #######.##"
3150 PRINT USING A$;SN(I),L(I),W(I)
3160 NEXT I
3170 INPUT "Do you want to print DATA (Y OR N) ";Z$
3180 IF Z$ ="N" THEN GOTO 3330
3181 LPRINT "                          **********************"
3182 LPRINT "                           EARTHQUAKE ANALYSIS "
3183 LPRINT "                          **********************":LPRINT:LPRINT
3185 LPRINT "  ------------"
3190 LPRINT "   INPUT DATA "
3195 LPRINT "  ------------": LPRINT
3200 LPRINT " SELECTED PROVINCE IS  ";P$
3210 LPRINT " ZONE FACTOR         =";Z
3220 LPRINT " IMPORTANT FACTOR    =";IM
3230 LPRINT " K-FACTOR            =";K
3235 LPRINT " DYNAMIC FACTOR      =";C
3240 LPRINT " SITE COEFFICIENT    =";S
3245 LPRINT " C&S RESULT          =";CS
3250 LPRINT " TOTAL WEIGHTS(KG.) =";SUM
3260 LPRINT " WIDTH OF FRAME(M.) =";D:LPRINT
3270 LPRINT "    STOREY NO.      STOREY LEVEL      STOREY WEIGHT"
3280 LPRINT "                      (METRE)            (KG.)"
3290 LPRINT
3300 FOR I=1 TO N
3310 A$ =  "       ###             ####.##           #######.##"
3320 LPRINT USING A$;SN(I),L(I),W(I)
3325 NEXT I
3330 RETURN
```

```
4000 '   SUBROUTINE PRINT RESULT
4002 INPUT "Do you want to print RESULT (Y OR N)";C$
4003 IF C$ = "N" THEN GOTO 4090
4005 LPRINT
4010 LPRINT "   -------- "
4020 LPRINT "    RESULT "
4030 LPRINT "   --------" :LPRINT
4040 LPRINT " TOTAL BASE SHEAR (KG.)   =";V
4045 LPRINT " OVERTURNING MOMENT (KG-M) =";M : LPRINT
4050 LPRINT "    STOREY NO.     STOREY LEVEL     STOREY SHEAR "
4055 LPRINT "                     (METRE)            (KG.)"
4056 LPRINT
4060 FOR II=1 TO N
4065 A$ =  "       ###            ####.##          #######.##"
4070 LPRINT USING A$;SN(II),L(II),F(II)
4080 NEXT II
4090 RETURN
```

กรณีศึกษาที่ 1

```
                    **********************
                     EARTHQUAKE ANALYSIS
                    **********************

 ------------
  INPUT DATA
 ------------

SELECTED PROVINCE IS  KRI
ZONE FACTOR          = .25
IMPORTANT FACTOR     = 1
K-FACTOR             = 1
DYNAMIC FACTOR       = .1125439
SITE COEFFICIENT     = 1
C&S RESULT           = .1125439
TOTAL WEIGHTS(KG.) = 113782.5
WIDTH OF FRAME(M.) = 15
```

STOREY NO.	STOREY LEVEL (METRE)	STOREY WEIGHT (KG.)
1	0.50	22756.50
2	6.10	22756.50
3	9.10	22756.50
4	12.10	22756.50
5	15.10	22756.50

```
 --------
  RESULT
 --------

TOTAL BASE SHEAR (KG.)    = 3201.38
OVERTURNING MOMENT (KG-M) = 36915.87
```

STOREY NO.	STOREY LEVEL (METRE)	STOREY SHEAR (KG.)
1	0.50	37.31
2	6.10	455.21
3	9.10	679.08
4	12.10	902.95
5	15.10	1126.83

กรณีศึกษาที่ 2

```
                    *********************
                     EARTHQUAKE ANALYSIS
                    *********************

 ------------
  INPUT DATA
 ------------

SELECTED PROVINCE IS  KRI
ZONE FACTOR          = .25
IMPORTANT FACTOR     = 1.25
K-FACTOR             = 1
DYNAMIC FACTOR       = 7.367232E-02
SITE COEFFICIENT     = 1
C&S RESULT           = 7.367232E-02
TOTAL WEIGHTS(KG.)   = 882404
WIDTH OF FRAME(M.)   = 23.6
```

STOREY NO.	STOREY LEVEL (METRE)	STOREY WEIGHT (KG.)
1	1.50	67850.00
2	9.00	76582.00
3	12.20	65254.00
4	15.40	65254.00
5	18.60	65254.00
6	21.80	65254.00
7	25.00	65254.00
8	28.20	65254.00
9	31.40	65254.00
10	34.60	65254.00
11	37.80	65254.00
12	41.00	65254.00
13	44.20	85432.00

```
  --------
   RESULT
  --------

TOTAL BASE SHEAR (KG.)     = 20315.24
OVERTURNING MOMENT (KG-M) = 654255.6
```

STOREY NO.	STOREY LEVEL (METRE)	STOREY SHEAR (KG.)
1	1.50	88.90
2	9.00	602.04
3	12.20	695.38
4	15.40	877.77
5	18.60	1060.16
6	21.80	1242.56
7	25.00	1424.95
8	28.20	1607.35
9	31.40	1789.74
10	34.60	1972.13
11	37.80	2154.53
12	41.00	2336.92
13	44.20	4462.81

กรณีศึกษาที่ 3

****
EARTHQUAKE ANALYSIS
****

INPUT DATA

SELECTED PROVINCE IS KRI
ZONE FACTOR = .25
IMPORTANT FACTOR = 1.25
K-FACTOR = 1
DYNAMIC FACTOR = 7.367232E-02
SITE COEFFICIENT = 1
C&S RESULT = 7.367232E-02
TOTAL WEIGHTS(KG.) = 882404
WIDTH OF FRAME(M.) = 23.6

STOREY NO.	STOREY LEVEL (METRE)	STOREY WEIGHT (KG.)
1	1.50	67850.00
2	5.15	76582.00
3	8.70	65254.00
4	12.25	65254.00
5	15.80	65254.00
6	19.35	65254.00
7	22.90	65254.00
8	26.45	65254.00
9	30.00	65254.00
10	33.55	65254.00
11	37.10	65254.00
12	40.65	65254.00
13	44.20	85432.00

RESULT

TOTAL BASE SHEAR (KG.) = 20315.24
OVERTURNING MOMENT (KG-M) = 647634.6

STOREY NO.	STOREY LEVEL (METRE)	STOREY SHEAR (KG.)
1	1.50	95.67
2	5.15	370.72
3	8.70	533.63
4	12.25	751.38
5	15.80	969.13
6	19.35	1186.87
7	22.90	1404.62
8	26.45	1622.37
9	30.00	1840.11
10	33.55	2057.86
11	37.10	2275.61
12	40.65	2493.35
13	44.20	4713.91

ภาคผนวก ซ.

แสดงรายละเอียดโปรแกรมวิเคราะห์หาค่า ductility

ของหน้าตัดของคาน

รายละเอียดโปรแกรม

```
5  CLS
6   PRINT "------------"
7   PRINT " INPUT DATA "
8   PRINT "------------":PRINT
10 INPUT "WIDTH, b(cm.)        =";B:PRINT
20 INPUT "DEPTH, d(cm.)        =";D:PRINT
25 INPUT "COVERING,d'(cm.)     =";DC:PRINT
28 INPUT " SPAN LENGTH ,L(cm.)=";L:PRINT
30 INPUT "STEEL(T), Ast(cm.^2)=";AST:PRINT
40 INPUT "STEEL(C), Asc(cm.^2)=";AC:PRINT
50 INPUT "N-FACTOR             =";N:PRINT
60 INPUT "Fc'(ksc.)            =";FC:PRINT
70 INPUT "Fy (ksc.)            =";FY:PRINT
80 LO=AST/(B*D)
90 LOP=AC/(B*D)
100 K=((LO+LOP)^2*N^2+2*(LO+LOP*DC/D)*N)^(.5)-(LO+LOP)*N
101 IF (1-.85*DC*(.85*FC*B)/(AST-AC)/FY)*.004 > (FY/2040000!) GOTO 110
102 BB=(LOP*.004*2040000!-LO*FY)/D/1.7/FC
103 CC=(LOP*.004*2040000!*.85*DC)/1.7/FC/D
104 A = (-BB+(BB^2+4*CC/2/D^2)^.5)*D^2
105 MU=(.85*FC*A*B*(D-A/2)+AC*2040000!*.004*(A-.85*DC)*(D-DC)/A)/100
106 GOTO 130
110 A=(AST-AC)*FY/.85/FC/B
120 MU=(.85*FC*A*B*(D-A/2)+AC*FY*(D-DC))/100
130 MY=AST*FY*(1-K/3)*D/100
140 QY=FY/(2040000!)/D/(1-K)
150 QU=.004*.85/A
152 I=B*(D+DC)^3/12
154 OY= MY*L/6/235000!/I*100
156 OP=(QU-QY)*.7*(.9-(FC*14.22-1700)/3400*.3)*(L/2/D)^.25*D
158 OU= OY+OP
160 DUC=OU/OY
162 IF AC>AST THEN MU=MY
165 PRINT "  ---------------------"
170 PRINT "   PROPERTY OF SECTION "
175 PRINT "  ---------------------" : PRINT
180 PRINT "   WIDTH (cm.)           =";B :PRINT
190 PRINT "   DEPTH (cm.)           =";D :PRINT
200 PRINT "   TENSION STEEL(cm.^2) =";AST :PRINT
210 PRINT "   COMP.STEEL(cm.^2)    =";AC :PRINT :PRINT
220 PRINT "  ********"
230 PRINT "   RESULT"
240 PRINT "  ********":PRINT
250 PRINT "  MOMENT AT YIELD (kg-m)    =";MY
260 PRINT "  MOMENT AT ULTIMATE (kg-m) =";MU :PRINT
264 IF AC>AST THEN GOTO 294
270 PRINT "  CURVATURE AT YIELD        =";QY
280 PRINT "  CURVATURE AT ULTIMATE     =";QU :PRINT
285 PRINT  "  ROTATION AT YIELD         =";OY
288 PRINT  "  ROTATION AT ULTIMATE      =";OU
290 PRINT "  DUCTILITY RATIO           =";DUC:PRINT
292 GOTO 300
294 PRINT "    THIS SECTION IS VERY DUCTILE "
300 INPUT " DO YOU WANT TO PRINT RESULT (Y OR N)";Z$
310 IF Z$ = "N" THEN GOTO 470
313 LPRINT "                          ************************"
315 LPRINT "                            DUCTILITY OF SECTION  "
317 LPRINT "                          ************************" :LPRINT
320 LPRINT "  ---------------------"
330 LPRINT "   PROPERTY OF SECTION "
340 LPRINT "  ---------------------" : LPRINT
350 LPRINT "   WIDTH (cm.)           =";B :LPRINT
360 LPRINT "   DEPTH (cm.)           =";D :LPRINT
370 LPRINT "   TENSION STEEL(cm.^2) =";AST :LPRINT
380 LPRINT "   COMP.STEEL(cm.^2)    =";AC :LPRINT:LPRINT
390 LPRINT "  ********"
400 LPRINT "   RESULT"
410 LPRINT "  ********":LPRINT
420 LPRINT "  MOMENT AT YIELD (kg-m)    =";MY :LPRINT
430 LPRINT "  MOMENT AT ULTIMATE (kg-m) =";MU :LPRINT
434 IF AC>AST THEN GOTO 464
440 LPRINT "  CURVATURE AT YIELD        =";QY :LPRINT
450 LPRINT "  CURVATURE AT ULTIMATE     =";QU :LPRINT
455 LPRINT  "  ROTATION AT YIELD         =";OY :LPRINT
458 LPRINT  "  ROTATION AT ULTIMATE      =";OU :LPRINT
460 LPRINT "  DUCTILITY RATIO           =";DUC:LPRINT
462 GOTO 470
464 LPRINT "   THIS SECTION IS VERY DUCTILE "
470 GOTO 5
480 END
```

กรณีศึกษาที่ 1

```
---------------------
PROPERTY OF SECTION
---------------------

WIDTH (cm.)          = 20
DEPTH (cm.)          = 46
TENSION STEEL(cm.^2) = 5.15
COMP.STEEL(cm.^2)    = 4.02

********
RESULT
********

MOMENT AT YIELD (kg-m)     = 6507.891
MOMENT AT ULTIMATE (kg-m)  = 6772.586
CURVATURE AT YIELD         = 4.279094E-05
CURVATURE AT ULTIMATE      = 9.278206E-04
ROTATION AT YIELD          = 1.107726E-03
ROTATION AT ULTIMATE       = 3.533044E-02
DUCTILITY RATIO            = 31.89456
```

```
---------------------
PROPERTY OF SECTION
---------------------

WIDTH (cm.)          = 20
DEPTH (cm.)          = 46
TENSION STEEL(cm.^2) = 4.02
COMP.STEEL(cm.^2)    = 5.15

********
RESULT
********

MOMENT AT YIELD (kg-m)     = 5138.058
MOMENT AT ULTIMATE (kg-m)  = 5138.058
ROTATION AT YIELD          = 8.735143E-04
THIS SECTION IS VERY DUCTILE
```

```
---------------------
PROPERTY OF SECTION
---------------------

WIDTH (cm.)          = 20
DEPTH (cm.)          = 46
TENSION STEEL(cm.^2) = 4.02
COMP.STEEL(cm.^2)    = 4.02

********
RESULT
********

MOMENT AT YIELD (kg-m)     = 5128.923
MOMENT AT ULTIMATE (kg-m)  = 5344.245
CURVATURE AT YIELD         = 4.132592E-05
CURVATURE AT ULTIMATE      = 1.001737E-03
ROTATION AT YIELD          = 8.730082E-04
ROTATION AT ULTIMATE       = 3.801059E-02
DUCTILITY RATIO            = 43.53979
```

```
---------------------
PROPERTY OF SECTION
---------------------

WIDTH (cm.)          = 20
DEPTH (cm.)          = 36
TENSION STEEL(cm.^2) = 4.02
COMP.STEEL(cm.^2)    = 4.02

********
RESULT
********

MOMENT AT YIELD (kg-m)     = 3978.526
MOMENT AT ULTIMATE (kg-m)  = 4138.246
CURVATURE AT YIELD         = 5.453023E-05
CURVATURE AT ULTIMATE      = 1.001737E-03
ROTATION AT YIELD          = 1.322648E-03
ROTATION AT ULTIMATE       = 3.179877E-02
DUCTILITY RATIO            = 24.04174
```

กรณีศึกษาที่ 1 (ต่อ)

```
---------------------
PROPERTY OF SECTION
---------------------

WIDTH (cm.)            = 20

DEPTH (cm.)            = 35

TENSION STEEL(cm.^2) = 8.04

COMP.STEEL(cm.^2)      = 6.03

********
RESULT
********

MOMENT AT YIELD (kg-m)     = 7515.869

MOMENT AT ULTIMATE (kg-m) = 7762.226

CURVATURE AT YIELD         = 6.262898E-05

CURVATURE AT ULTIMATE      = 8.131651E-04

ROTATION AT YIELD          = 2.695799E-03

ROTATION AT ULTIMATE       = 2.633925E-02

DUCTILITY RATIO            = 9.770479
```

```
---------------------
PROPERTY OF SECTION
---------------------

WIDTH (cm.)            = 20

DEPTH (cm.)            = 36

TENSION STEEL(cm.^2) = 6.03

COMP.STEEL(cm.^2)      = 8.04

********
RESULT
********

MOMENT AT YIELD (kg-m)     = 5895.189

MOMENT AT ULTIMATE (kg-m) = 5895.189

ROTATION AT YIELD          = 1.819903E-03

THIS SECTION IS VERY DUCTILE
```

กรณีศึกษาที่ 2

```
---------------------
PROPERTY OF SECTION
---------------------

WIDTH (cm.)            = 25
DEPTH (cm.)            = 55
TENSION STEEL(cm.^2)   = 16.1
COMP.STEEL(cm.^2)      = 6.28

********
RESULT
********

MOMENT AT YIELD (kg-m)      = 31425.26
MOMENT AT ULTIMATE (kg-m)   = 32615.5
CURVATURE AT YIELD          = 5.388111E-05
CURVATURE AT ULTIMATE       = 4.276402E-04
ROTATION AT YIELD           = 3.962207E-03
ROTATION AT ULTIMATE        = 2.165855E-02
DUCTILITY RATIO             = 5.466284
```

```
---------------------
PROPERTY OF SECTION
---------------------

WIDTH (cm.)            = 25
DEPTH (cm.)            = 55
TENSION STEEL(cm.^2)   = 6.28
COMP.STEEL(cm.^2)      = 16.1

********
RESULT
********

MOMENT AT YIELD (kg-m)      = 12887.43
MOMENT AT ULTIMATE (kg-m)   = 12887.43
ROTATION AT YIELD           = 1.624893E-03
THIS SECTION IS VERY DUCTILE
```

```
---------------------
PROPERTY OF SECTION
---------------------

WIDTH (cm.)            = 25
DEPTH (cm.)            = 53
TENSION STEEL(cm.^2)   = 24.55
COMP.STEEL(cm.^2)      = 14.73

********
RESULT
********

MOMENT AT YIELD (kg-m)      = 45461.75
MOMENT AT ULTIMATE (kg-m)   = 47531.4
CURVATURE AT YIELD          = 5.962515E-05
CURVATURE AT ULTIMATE       = 4.207214E-04
ROTATION AT YIELD           = 6.345622E-03
ROTATION AT ULTIMATE        = 2.297399E-02
DUCTILITY RATIO             = 3.620447
```

```
---------------------
PROPERTY OF SECTION
---------------------

WIDTH (cm.)            = 25
DEPTH (cm.)            = 55
TENSION STEEL(cm.^2)   = 14.73
COMP.STEEL(cm.^2)      = 24.55

********
RESULT
********

MOMENT AT YIELD (kg-m)      = 29301.44
MOMENT AT ULTIMATE (kg-m)   = 29301.44
ROTATION AT YIELD           = 3.348312E-03
THIS SECTION IS VERY DUCTILE
```

กรณีศึกษาที่ 2 (ต่อ)

```
---------------------
PROPERTY OF SECTION
---------------------

WIDTH (cm.)            = 25

DEPTH (cm.)            = 55

TENSION STEEL(cm.^2) = 19.64

COMP.STEEL(cm.^2)      = 9.81

********
RESULT
********

MOMENT AT YIELD (kg-m)     = 38084.89

MOMENT AT ULTIMATE (kg-m) = 39684.51

CURVATURE AT YIELD         = 5.533281E-05

CURVATURE AT ULTIMATE      = 4.237941E-04

ROTATION AT YIELD          = 4.801878E-03

ROTATION AT ULTIMATE       = 2.224739E-02

DUCTILITY RATIO            = 4.633061
```

```
---------------------
PROPERTY OF SECTION
---------------------

WIDTH (cm.)            = 25

DEPTH (cm.)            = 55

TENSION STEEL(cm.^2) = 9.81

COMP.STEEL(cm.^2)      = 19.64

*********
RESULT
*********

MOMENT AT YIELD (kg-m)     = 19860.83

MOMENT AT ULTIMATE (kg-m) = 19860.83

ROTATION AT YIELD          = 2.504123E-03

THIS SECTION IS VERY DUCTILE
```

```
---------------------
PROPERTY OF SECTION
---------------------

WIDTH (cm.)            = 25

DEPTH (cm.)            = 53

TENSION STEEL(cm.^2) = 15.7

COMP.STEEL(cm.^2)      = 6.28

********
RESULT
********

MOMENT AT YIELD (kg-m)     = 29516.99

MOMENT AT ULTIMATE (kg-m) = 30586.53

CURVATURE AT YIELD         = 5.601489E-05

CURVATURE AT ULTIMATE      = 4.378531E-04

ROTATION AT YIELD          = 4.120027E-03

ROTATION AT ULTIMATE       = 2.170356E-02

DUCTILITY RATIO            = 5.267819
```

```
---------------------
PROPERTY OF SECTION
---------------------

WIDTH (cm.)            = 25

DEPTH (cm.)            = 55

TENSION STEEL(cm.^2) = 6.28

COMP.STEEL(cm.^2)      = 15.7

********
RESULT
********

MOMENT AT YIELD (kg-m)     = 12835.85

MOMENT AT ULTIMATE (kg-m) = 12835.85

ROTATION AT YIELD          = 1.466769E-03

THIS SECTION IS VERY DUCTILE
```

กรณีศึกษาที่ 2 (ต่อ)

```
---------------------
PROPERTY OF SECTION
---------------------

WIDTH (cm.)            = 60

DEPTH (cm.)            = 55

TENSION STEEL(cm.^2)   = 18.85

COMP.STEEL(cm.^2)      = 9.42

********
RESULT
********

MOMENT AT YIELD (kg-m)      = 37934.73

MOMENT AT ULTIMATE (kg-m)   = 39229.32

CURVATURE AT YIELD          = 4.790123E-05

CURVATURE AT ULTIMATE       = 6.657985E-04

ROTATION AT YIELD           = 1.992893E-03

ROTATION AT ULTIMATE        = 3.124843E-02

DUCTILITY RATIO             = 15.67993
```

```
---------------------
PROPERTY OF SECTION
---------------------

WIDTH (cm.)            = 60

DEPTH (cm.)            = 55

TENSION STEEL(cm.^2)   = 9.42

COMP.STEEL(cm.^2)      = 18.85

********
RESULT
********

MOMENT AT YIELD (kg-m)      = 19490.23

MOMENT AT ULTIMATE (kg-m)   = 19490.23

ROTATION AT YIELD           = 1.023915E-03

THIS SECTION IS VERY DUCTILE
```

ภาคผนวก ฌ.

แสดงข้อมูลของกรณีศึกษาที่ 1-3 ซึ่งใช้ป้อนสำหรับโปรแกรม DRAIN-2D

```
START    CASE1    FOUR STORY,THREE BAY FRAME
  24     8    2    1    5    4    1
   1 0.        0.
   4 1500.     0.
   5 0.        50.
   8 1500.     50.
   9 0.        610.
  12 1500.     610.
  21 0.        1510.
  24 1500.     1510.
   9    21    2    4
  12    24    2    4
   1     1    1    0    4
   1     4    5    6    7    8
   1     4    9   10   11   12
   1     4   13   14   15   16
   1     4   17   18   19   20
   1     4   21   22   23   24
   5 4.        0.        0.          21    4 0.588235
   6 7.6       0.        0.          22    4
   7 7.6       0.        0.          23    4
   8 4.        0.        0.          24    4
   0    0 1000 0.01     1523.6                                  100.
 300
0.     -0.002 0.04  -0.002 0.08  -0.002 0.12  -0.002 0.16  -0.002 0.2   -0.002
0.24   -0.002 0.28  -0.002 0.32  -0.003 0.36  -0.003 0.4   -0.003 0.44  0.
0.48   0.004  0.52  0.004  0.56  0.001  0.6   0.002  0.64  0.     0.68  -0.002
0.72   -0.005 0.76  -0.009 0.8   -0.01  0.84  -0.009 0.88  -0.008 0.92  -0.013
0.96   -0.01  1.    -0.008 1.04  0.003  1.08  0.014  1.12  0.005  1.16  -0.01
1.2    -0.005 1.24  -0.005 1.28  -0.01  1.32  0.016  1.36  0.002  1.4   0.013
1.44   0.03   1.48  0.019  1.52  0.013  1.56  0.012  1.6   0.006  1.64  -0.023
1.68   -0.013 1.72  -0.022 1.76  -0.014 1.8   -0.046 1.84  -0.017 1.88  -0.004
1.92   -0.014 1.96  0.003  2.    0.012  2.04  -0.003 2.08  0.044  2.12  0.058
2.16   0.033  2.2   0.034  2.24  0.048  2.28  0.016  2.32  0.026  2.36  -0.002
2.4    0.     2.44  -0.009 2.48  -0.023 2.5   -0.006 2.56  -0.013 2.6   -0.017
2.64   0.008  2.68  0.065  2.72  0.051  2.76  0.041  2.8   0.05   2.84  -0.018
2.88   -0.031 2.92  -0.01  2.96  -0.018 3.    -0.018 3.04  -0.01  3.08  0.029
3.12   -0.001 3.16  0.01   3.2   -0.013 3.24  -0.016 3.28  -0.021 3.32  -0.063
3.36   -0.066 3.4   -0.057 3.44  -0.045 3.48  -0.013 3.52  -0.002 3.56  0.019
3.6    0.024  3.64  0.001  3.68  0.038  3.72  0.043  3.76  0.014  3.8   -0.035
3.84   0.003  3.88  -0.023 3.92  -0.042 3.96  -0.012 4.     0.042  4.04  0.002
4.08   0.025  4.12  0.015  4.16  0.059  4.2   0.028  4.24  0.041  4.28  0.043
4.32   -0.005 4.36  -0.031 4.4   -0.069 4.44  -0.026 4.48  -0.006 4.52  -0.022
4.56   -0.038 4.6   -0.039 4.64  -0.012 4.68  0.028  4.72  0.035  4.76  0.013
4.8    -0.002 4.84  -0.013 4.88  -0.042 4.92  -0.027 4.96  0.02   5.    0.028
5.04   0.001  5.08  -0.024 5.12  0.026  5.16  0.015  5.2   -0.003 5.24  -0.006
5.28   -0.022 5.32  -0.021 5.36  -0.067 5.4   -0.012 5.44  0.004  5.48  0.028
5.52   0.016  5.56  -0.018 5.6   -0.034 5.64  -0.023 5.68  -0.002 5.72  -0.02
5.76   0.018  5.8   0.01   5.84  0.036  5.88  0.011  5.92  0.02   5.96  -0.012
6.     0.007  6.04  0.     6.08  -0.012 6.12  -0.023 6.16  -0.013 6.2   0.006
6.24   0.004  6.28  -0.022 6.32  -0.012 6.36  0.012  6.4   0.002  6.44  0.014
6.48   0.023  6.52  0.022  6.56  0.028  6.6   0.019  6.64  0.018  6.68  0.014
6.72   0.027  6.76  0.016  6.8   -0.002 6.84  -0.002 6.88  0.     6.92  -0.013
6.96   -0.013 7.     -0.009 7.04  -0.005 7.08  0.006  7.12  0.007  7.16  -0.002
7.2    -0.008 7.24  -0.019 7.28  -0.022 7.32  -0.017 7.36  -0.013 7.4   -0.004
7.44   0.001  7.48  0.007  7.52  0.002  7.56  0.007  7.6   0.01   7.64  0.003
7.68   -0.01  7.72  0.004  7.76  -0.02  7.8   -0.007 7.84  0.007  7.88  0.002
7.92   -0.006 7.96  -0.02  8.    -0.019 8.04  -0.018 8.08  -0.013 8.12  -0.003
8.16   0.001  8.2   -0.002 8.24  0.012  8.28  0.002  8.32  0.006  8.36  -0.008
8.4    -0.014 8.44  -0.014 8.48  -0.007 8.52  -0.003 8.56  0.009  8.6   0.01
8.64   0.014  8.68  0.008  8.72  0.026  8.76  -0.002 8.8   0.013  8.84  0.019
8.88   0.02   8.92  0.022  8.96  0.006  9.    0.002  9.04  -0.005 9.08  0.007
9.12   -0.006 9.16  -0.009 9.2   -0.009 9.24  -0.013 9.28  -0.013 9.32  -0.008
9.36   0.003  9.4   -0.003 9.44  0.005  9.48  0.011  9.52  0.01   9.56  0.008
9.6    -0.001 9.64  0.001  9.68  0.005  9.72  0.005  9.76  -0.008 9.8   -0.005
9.84   -0.004 9.88  -0.003 9.92  0.     9.96  0.     10.   0.006  10.04 0.
10.08  0.007  10.12 0.012  10.16 0.005  10.2  0.003  10.24-0.008  10.28-0.002
10.32  0.001  10.36 0.005  10.4  0.01   10.44 0.004  10.48 0.     10.52-0.001
10.56  -0.002 10.6  0.007  10.64 0.003  10.68 0.003  10.72 0.007  10.76 0.005
10.8   0.004  10.84 0.004  10.88 0.002  10.92-0.003  10.96-0.006  11.   -0.004
11.04  -0.004 11.08-0.01   11.12-0.005  11.16-0.007  11.2  -0.002 11.24 0.001
11.28  0.003  11.32 0.003  11.36 0.003  11.4  0.     11.44 0.004  11.48 0.008
11.52  0.003  11.56 0.007  11.6  0.     11.64-0.002  11.68 0.     11.72 0.
11.76  -0.003 11.8  -0.004 11.84 0.003  11.88 0.     11.92 0.002  11.96 0.
1.79     0.
 100    10 1000    5    5    5
   5     9   13   17   21
   5     9   13   17   21
   5     9   13   17   21
   2    35    4         5    1
   1 235000.    0.002    100.      208333.   4.   4.   2.
   2 235000.    0.002    80.       106667.   4.   4.   2.
   3 235000.    0.002    75.       39062.    4.   4.   2.
   4 235000.    0.002    40.       13333.    4.   4.   2.
   1     1 512900.  -512900.
   2     1 513300.  -650800.
   3     1 397900.  -397900.
   4     1 589500.  -731600.
   5     1 9000000. -9000000.
   1     1 0.       5556.     444500.   0.        5556.     -444500.
   1     5    6    0    1        1    2    1    1    1    1.
   2     9   10    4    2        3    4    1    1    1    1.
   5    21   22    0    2        3    4    1    1    1    1.
   6     6    7    0    1        2    2    1    1    1    1.
   7    10   11    4    2        4    4    1    1    1    1.
  10    22   23    0    2        4    4    1    1    1    1.
  11     7    8    0    1        2    2    1    1    1    1.
  12    11   12    4    2        4    3    1    1    1    1.
  15    23   24    0    2        4    3    1    1    1    1.
  16     1    5    1    3        5    5    1    1
  19     4    8    0    3        5    5    1    1
  20     5    9    1    3        5    5    1    1
  23     8   12    0    3        5    5    1    1
  24     9   13    1    4        5    5    1    1
  27    12   16    0    4        5    5    1    1
  28    13   17    1    4        5    5    1    1
  31    16   20    0    4        5    5    1    1
  32    17   21    1    4        5    5    1    1
  35    20   24    0    4        5    5    1    1
STOP
```

A. PROBELM INITIATION AND TITLE

B. STRUCTURE GEOMETRY INFORMATION

C. LOAD INFORMATION

D. TIME HISTORY OUTPUT SPECIFICATION

E. ELEMENT SPECIFICATION

A. PROBELM INITIATION AND TITLE

B. STRUCTURE GEOMETRY INFORMATION

C. LOAD INFORMATION

D. TIME HISTORY OUTPUT SPECIFICATION

E. ELEMENT SPECIFICATION

```
START   CASE2   FOUR STORY,THREE BAY FRAME WITH LL.(FACTORED)
  24    8    2    1    5    4    1
   1 0.       0.
   4 1500.    0.
   5 0.       50.
   8 1500.    50.
   9 0.       610.
  12 1500.    610.
  21 0.       1510.
  24 1500.    1510.
   9   21    2    4
  12   24    2    4
   1    1    1    0    4
   1    4    5    6    7    8
   1    4    9   10   11   12
   1    4   13   14   15   16
   1    4   17   18   19   20
   1    4   21   22   23   24
   5 4.       0.        0.          21    4 0.588235
   6 7.6      0.        0.          22    4
   7 7.6      0.        0.          23    4
   8 4.       0.        0.          24    4
   0    0 1000 0.01    1523.6                                    100.
 300
0.    -0.002 0.04  -0.002 0.08  -0.002 0.12  -0.002 0.16  -0.002 0.2   -0.002
0.24  -0.002 0.28  -0.002 0.32  -0.003 0.36  -0.003 0.4   -0.003 0.44  0.
0.48  0.004  0.52  0.004  0.56  0.001  0.6   0.002  0.64  0.     0.68  -0.002
0.72  -0.005 0.76  -0.009 0.8   -0.01  0.84  -0.009 0.88  -0.008 0.92  -0.013
0.96  -0.01  1.    -0.008 1.04  0.003  1.08  0.014  1.12  0.005  1.16  -0.01
1.2   -0.005 1.24  -0.005 1.28  -0.01  1.32  0.016  1.36  0.002  1.4   0.013
1.44  0.03   1.48  0.019  1.52  0.013  1.56  0.012  1.6   0.006  1.64  -0.023
1.68  -0.013 1.72  -0.022 1.76  -0.014 1.8   -0.046 1.84  -0.017 1.88  -0.004
1.92  -0.014 1.96  0.003  2.    0.012  2.04  -0.003 2.08  0.044  2.12  0.058
2.16  0.033  2.2   0.034  2.24  0.048  2.28  0.016  2.32  0.026  2.36  -0.002
2.4   0.     2.44  -0.009 2.48  -0.023 2.5   -0.006 2.56  -0.013 2.6   -0.017
2.64  0.008  2.68  0.065  2.72  0.051  2.76  0.041  2.8   0.05   2.84  0.018
2.88  -0.031 2.92  -0.01  2.96  -0.018 3.    -0.018 3.04  -0.01  3.08  0.029
3.12  -0.001 3.16  0.01   3.2   -0.013 3.24  -0.016 3.28  -0.021 3.32  -0.063
3.36  -0.066 3.4   -0.057 3.44  -0.045 3.48  -0.013 3.52  -0.002 3.56  0.019
3.6   0.024  3.64  0.001  3.68  0.038  3.72  0.043  3.76  0.014  3.8   -0.035
3.84  0.003  3.88  -0.023 3.92  -0.042 3.96  -0.012 4.    0.042  4.04  0.002
4.08  0.025  4.12  0.015  4.16  0.059  4.2   0.028  4.24  0.041  4.28  0.043
4.32  -0.005 4.36  -0.031 4.4   -0.069 4.44  -0.026 4.48  -0.006 4.52  -0.022
4.56  -0.038 4.6   -0.039 4.64  -0.012 4.68  0.028  4.72  0.035  4.76  0.013
4.8   -0.002 4.84  -0.013 4.88  -0.042 4.92  -0.027 4.96  0.02   5.    0.028
5.04  0.001  5.08  -0.024 5.12  0.026  5.16  0.015  5.2   -0.003 5.24  -0.006
5.28  -0.022 5.32  -0.021 5.36  -0.067 5.4   -0.012 5.44  0.004  5.48  0.028
5.52  0.016  5.56  -0.018 5.6   -0.034 5.64  -0.023 5.68  -0.002 5.72  -0.02
5.76  0.018  5.8   0.01   5.84  0.036  5.88  0.011  5.92  0.02   5.96  -0.012
6.    0.007  6.04  0.     6.08  -0.012 6.12  -0.023 6.16  -0.013 6.2   0.006
6.24  0.004  6.28  -0.022 6.32  -0.012 6.36  0.012  6.4   0.002  6.44  0.014
6.48  0.023  6.52  0.022  6.56  0.028  6.6   0.019  6.64  0.018  6.68  0.014
6.72  0.027  6.76  0.016  6.8   -0.002 6.84  -0.002 6.88  0.     6.92  -0.013
6.96  -0.013 7.    -0.009 7.04  -0.005 7.08  0.006  7.12  0.007  7.16  -0.002
7.2   -0.008 7.24  -0.019 7.28  -0.022 7.32  -0.017 7.36  -0.013 7.4   -0.004
7.44  0.001  7.48  0.007  7.52  0.002  7.56  0.007  7.6   0.01   7.64  0.003
7.68  -0.01  7.72  0.004  7.76  -0.02  7.8   -0.007 7.84  0.007  7.88  0.002
7.92  -0.006 7.96  -0.02  8.    -0.019 8.04  -0.018 8.08  -0.013 8.12  -0.003
8.16  0.001  8.2   -0.002 8.24  0.012  8.28  0.002  8.32  0.006  8.36  -0.008
8.4   -0.014 8.44  -0.014 8.48  -0.007 8.52  -0.003 8.56  0.009  8.6   0.01
8.64  0.014  8.68  0.008  8.72  0.006  8.76  -0.002 8.8   0.013  8.84  0.019
8.88  0.02   8.92  0.022  8.96  0.006  9.    0.002  9.04  -0.005 9.08  0.007
9.12  -0.006 9.16  -0.009 9.2   -0.009 9.24  -0.013 9.28  -0.013 9.32  -0.008
9.36  0.003  9.4   -0.003 9.44  0.005  9.48  0.011  9.52  0.01   9.56  0.008
9.6   -0.001 9.64  0.001  9.68  0.005  9.72  0.005  9.76  -0.008 9.8   -0.005
9.84  -0.004 9.88  -0.003 9.92  0.     9.96  0.     10.   0.006  10.04 0.
10.08 0.007  10.12 0.012  10.16 0.005  10.2  0.003  10.24 -0.008 10.28 -0.002
10.32 0.001  10.36 0.005  10.4  0.01   10.44 0.004  10.48 0.     10.52 -0.001
10.56 -0.002 10.6  0.007  10.64 0.003  10.68 0.003  10.72 0.007  10.76 0.005
10.8  0.004  10.84 0.004  10.88 0.002  10.92 -0.003 10.96 -0.006 11.   -0.004
11.04 -0.004 11.08 -0.01  11.12 -0.005 11.16 -0.007 11.2  -0.002 11.24 0.001
11.28 0.003  11.32 0.003  11.36 0.003  11.4  0.     11.44 0.004  11.48 0.008
11.52 0.003  11.56 0.007  11.6  0.     11.64 -0.002 11.68 0.     11.72 0.
11.76 -0.003 11.8  -0.004 11.84 0.003  11.88 0.     11.92 0.002  11.96 0.
1.79     0.
  100   10 1000    5    5    5
    5    9   13   17   21
    5    9   13   17   21
    5    9   13   17   21
    2   35    4    .    5    1
    1 235000.   0.002    100.       208333.   4.   4.   2.
    2 235000.   0.002    80.        106667.   4.   4.   2.
    3 235000.   0.002    75.        39062.    4.   4.   2.
    4 235000.   0.002    40.        13333.    4.   4.   2.
    1    1 512900.  -512900.
    2    1 513800.  -650800.
    3    1 397900.  -397900.
    4    1 589500.  -751600.
    5    1 9000000. -9000000.
    1    1 0.       8364.     669100.   0.        8364.     -669100.
    1    5    6    0    1        1    2    1    1    1    1.
    2    9   10    4    2        3    4    1    1    1    1.
    5   21   22    0    2        3    4    1    1    1    1.
    6    6    7    0    1        2    2    1    1    1    1.
    7   10   11    4    2        4    4    1    1    1    1.
   10   22   23    0    2        4    4    1    1    1    1.
   11    7    8    0    1        2    1    1    1    1    1.
   12   11   12    4    2        4    3    1    1    1    1.
   15   23   24    0    2        4    3    1    1    1    1.
   16    1    5    1    3        5    5    1    1
   19    4    8    0    3        5    5    1    1
   20    5    9    1    3        5    5    1    1
   23    8   12    0    3        5    5    1    1
   24    9   13    1    4        5    5    1    1
   27   12   16    0    4        5    5    1    1
   28   13   17    1    4        5    5    1    1
   31   16   20    0    4        5    5    1    1
   32   17   21    1    4        5    5    1    1
   35   20   24    0    4        5    5    1    1
STOP
```

A. PROBELM INITIATION AND TITLE

B. STRUCTURE GEOMETRY INFORMATION

```
START   CASE3  TWEVTH STORY,THREE BAY FRAME
  56   16    4    1   13   16    1
   1 0.      0.
   2 780.    0.
   3 1580.   0.
   4 2360.   0.
   5 0.      150.
   6 780.    150.
   7 1580.   150.
   8 2360.   150.
   9 0.      900.
  10 780.    900.
  11 1580.   900.
  12 2360.   900.
  53 0.      4420.
  54 780.    4420.
  55 1580.   4420.
  56 2360.   4420.
   9   53   10    4
  10   54   10    4
  11   55   10    4
  12   56   10    4
   1    1    1    1    4
   1    4    5    6    7    8
   1    4    9   10   11   12
   1    4   13   14   15   16
   1    4   17   18   19   20
   1    4   21   22   23   24
   1    4   25   26   27   28
   1    4   29   30   31   32
   1    4   33   34   35   36
   1    4   37   38   39   40
   1    4   41   42   43   44
   1    4   45   46   47   48
   1    4   49   50   51   52
   1    4   53   54   55   56
   5 13309.   0.        0.                  577.
   6 20646.   0.        0.
   7 20646.   0.        0.
   8 13309.   0.        0.
   9 16124.   0.        0.
  10 22153.   0.        0.
  11 22153.   0.        0.
  12 16124.   0.        0.
  13 13240.   0.        0.          49    4
  14 19359.   0.        0.          50    4
  15 19359.   0.        0.          51    4
  16 13240.   0.        0.          52    4
  53 16044.   0.        0.
  54 26681.   0.        0.
  55 26681.   0.        0.
  56 16044.   0.        0.
   0    0 1000 0.01      1523.56                                  100.
 300
0.    -0.002 0.04  -0.002 0.08  -0.002 0.12  -0.002 0.16  -0.002 0.2   -0.002
0.24  -0.002 0.28  -0.002 0.32  -0.003 0.36  -0.003 0.4   -0.003 0.44  0.
0.48  0.004  0.52  0.004  0.56  0.001  0.6   0.002  0.64  0.     0.68  -0.002
0.72  -0.005 0.76  -0.009 0.8   -0.01  0.84  -0.009 0.88  -0.008 0.92  -0.013
0.96  -0.01  1.    -0.008 1.04  0.003  1.08  0.014  1.12  0.005  1.16  -0.01
1.2   -0.005 1.24  -0.005 1.28  -0.01  1.32  0.016  1.36  0.002  1.4   0.013
1.44  0.03   1.48  0.019  1.52  0.013  1.56  0.012  1.6   0.006  1.64  -0.023
1.68  -0.013 1.72  -0.022 1.76  -0.014 1.8   -0.046 1.84  -0.017 1.88  -0.004
1.92  -0.014 1.96  0.003  2.    0.012  2.04  -0.003 2.08  0.044  2.12  0.058
2.16  0.033  2.2   0.034  2.24  0.048  2.28  0.016  2.32  0.026  2.36  -0.002
2.4   0.     2.44  -0.009 2.48  -0.023 2.52  -0.006 2.56  -0.013 2.6   -0.017
2.64  0.008  2.68  0.065  2.72  0.051  2.76  0.041  2.8   0.05   2.84  0.018
2.88  -0.031 2.92  -0.01  2.96  -0.018 3.    -0.018 3.04  -0.01  3.08  0.029
3.12  -0.001 3.16  0.01   3.2   -0.013 3.24  -0.016 3.28  -0.021 3.32  -0.063
3.36  -0.066 3.4   -0.057 3.44  -0.045 3.48  -0.013 3.52  -0.002 3.56  0.019
3.6   0.024  3.64  0.001  3.68  0.038  3.72  0.043  3.76  0.014  3.8   -0.035
3.84  0.003  3.88  -0.023 3.92  -0.042 3.96  -0.012 4.    0.042  4.04  0.002
4.08  0.025  4.12  0.015  4.16  0.059  4.2   0.028  4.24  0.041  4.28  0.043
4.32  -0.005 4.36  -0.031 4.4   -0.069 4.44  -0.026 4.48  -0.006 4.52  -0.022
4.56  -0.038 4.6   -0.039 4.64  -0.012 4.68  0.028  4.72  0.035  4.76  0.013
4.8   -0.002 4.84  -0.013 4.88  -0.042 4.92  -0.027 4.96  0.02   5.    0.028
5.04  0.001  5.08  -0.024 5.12  0.026  5.16  0.015  5.2   -0.003 5.24  -0.006
5.28  -0.022 5.32  -0.021 5.36  -0.067 5.4   -0.012 5.44  0.004  5.48  0.028
5.52  0.016  5.56  -0.018 5.6   -0.034 5.64  -0.023 5.68  -0.002 5.72  -0.02
5.76  0.018  5.8   0.01   5.84  0.036  5.88  0.011  5.92  0.02   5.96  -0.012
6.    0.007  6.04  0.     6.08  -0.012 6.12  -0.023 6.16  -0.013 6.2   0.006
6.24  0.004  6.28  -0.022 6.32  -0.012 6.36  0.012  6.4   0.002  6.44  0.014
6.48  0.023  6.52  0.022  6.56  0.028  6.6   0.019  6.64  0.018  6.68  0.014
6.72  0.027  6.76  0.016  6.8   -0.002 6.84  -0.002 6.88  0.     6.92  -0.013
6.96  -0.013 7.    -0.009 7.04  -0.005 7.08  0.006  7.12  0.007  7.16  -0.002
7.2   -0.008 7.24  -0.019 7.28  -0.022 7.32  -0.017 7.36  -0.013 7.4   -0.004
7.44  0.001  7.48  0.007  7.52  0.002  7.56  0.007  7.6   0.01   7.64  0.003
7.68  -0.01  7.72  0.004  7.76  -0.02  7.8   -0.007 7.84  0.007  7.88  0.002
7.92  -0.006 7.96  -0.02   8.    -0.019 8.04  -0.018 8.08  -0.013 8.12  -0.003
8.16  0.001  8.2   -0.002 8.24  0.012  8.28  0.002  8.32  0.006  8.36  -0.008
8.4   -0.014 8.44  -0.014 8.48  -0.007 8.52  -0.003 8.56  0.009  8.6   0.01
8.64  0.014  8.68  0.008  8.72  0.006  8.76  -0.002 8.8   0.013  8.84  0.019
8.88  0.02   8.92  0.022  8.96  0.006  9.    0.002  9.04  -0.005 9.08  0.007
9.12  -0.006 9.16  -0.009 9.2   -0.009 9.24  -0.013 9.28  -0.013 9.32  -0.008
9.36  0.003  9.4   -0.003 9.44  0.005  9.48  0.011  9.52  0.01   9.56  0.008
9.6   -0.001 9.64  0.001  9.68  0.005  9.72  0.005  9.76  -0.008 9.8   -0.005
9.84  -0.004 9.88  -0.003 9.92  0.     9.96  0.     10.   0.006  10.04 0.
10.08 0.007  10.12 0.012  10.16 0.005  10.2  0.003  10.24-0.008  10.28-0.002
10.32 0.001  10.36 0.005  10.4  0.01   10.44 0.004  10.48 0.     10.52-0.001
10.56 -0.002 10.6  0.007  10.64 0.003  10.68 0.003  10.72 0.007  10.76 0.005
10.8  0.004  10.84 0.004  10.88 0.002  10.92-0.003  10.96-0.006  11.   -0.004
11.04 -0.004 11.08-0.01   11.12-0.005  11.16-0.007  11.2  -0.002 11.24 0.001
11.28 0.003  11.32 0.003  11.36 0.003  11.4  0.     11.44 0.004  11.48 0.008
11.52 0.003  11.56 0.007  11.6  0.     11.64-0.002  11.68 0.     11.72 0.
11.76 -0.003 11.8  -0.004 11.84 0.003  11.88 0.     11.92 0.002  11.96 0.
0.76
```

C. LOAD INFORMATION

D. TIME HISTORY OUTPUT SPECIFICATION

E. ELEMENT SPECIFICATION

```
100   10 1000   13   13   13
  5    9   13   17   21   25   29   33   37   41
 45   49   53
  5    9   13   17   21   25   29   33   37   41
 45   49   53
  5    9   13   17   21   25   29   33   37   41
 45   49   53
  2   91    3         6    2
  1 235000.  0.005     1500.     450000.   4.   4.   2.
  2 235000.  0.005     3600.    1080000.   4.   4.   2.
  3 235000.  0.005     4800.    2560000.   4.   4.   2.
  1    1 1287600. -3136900.
  2    1 2932600. -4628200.
  3    1 1986100. -3801800.
  4    1 1284800. -3004700.
  5    1 1947300. -3788000.
  6    1 90000000.-90000000.
  1    1 0.       12016.    1522000.  0.        12016.    -1522000.
  2    1 0.       18501.    2343500.  0.        18501.    -2343500.
  1    5    6    0    1        1    1    1    1    1    1.
  2    9   10    4    1        2    2    1    1    1    1.
  4   17   18    0    1        2    2    1    1    1    1.
  5   21   22    4    1        3    3    1    1    1    1.
  8   33   34    0    1        3    3    1    1    1    1.
  9   37   38    4    1        4    4    1    1    1    1.
 12   49   50    0    1        4    4    1    1    1    1.
 13   53   54    0    2        5    5    1    1    1    1.
 14    6    7    0    1        1    1    1    1    1    1.
 15   10   11    4    1        2    2    1    1    1    1.
 17   18   19    0    1        2    2    1    1    1    1.
 18   22   23    4    1        3    3    1    1    1    1.
 21   34   35    0    1        3    3    1    1    1    1.
 22   38   39    4    1        4    4    1    1    1    1.
 25   50   51    0    1        4    4    1    1    1    1.
 26   54   55    0    2        5    5    1    1    1    1.
 27    7    8    0    1        1    1    1    1    1    1.
 28   11   12    4    1        2    2    1    1    1    1.
 30   19   20    0    1        2    2    1    1    1    1.
 31   23   24    4    1        3    3    1    1    1    1.
 34   35   36    0    1        3    3    1    1    1    1.
 35   39   40    4    1        4    4    1    1    1    1.
 38   51   52    0    1        4    4    1    1    1    1.
 39   55   56    0    2        5    5    1    1    1    1.
 40    1    5    4    2        6    6    1    1
 52   49   53    0    2        6    6    1    1
 53    2    6    4    3        6    6    1    1
 65   50   54    0    3        6    6    1    1
 66    3    7    4    3        6    6    1    1
 78   51   55    0    3        6    6    1    1
 79    4    8    4    2        6    6    1    1
 91   52   56    0    2        6    6    1    1
STOP
```

A. PROBELM INITIATION AND TITLE

B. STRUCTURE GEOMETRY INFORMATION

```
START   CASE4  TWEVTH STORY,THREE BAY FRAME WITH LL.(FACTORED)
  56   16    4    1   13   16    1
   1 0.       0.
   2 780.     0.
   3 1580.    0.
   4 2360.    0.
   5 0.       150.
   6 780.     150.
   7 1580.    150.
   8 2360.    150.
   9 0.       900.
  10 780.     900.
  11 1580.    900.
  12 2360.    900.
  53 0.       4420.
  54 780.     4420.
  55 1580.    4420.
  56 2360.    4420.
   9   53   10    4
  10   54   10    4
  11   55   10    4
  12   56   10    4
   1    1    1    1    4
   1    4    5    6    7    8
   1    4    9   10   11   12
   1    4   13   14   15   16
   1    4   17   18   19   20
   1    4   21   22   23   24
   1    4   25   26   27   28
   1    4   29   30   31   32
   1    4   33   34   35   36
   1    4   37   38   39   40
   1    4   41   42   43   44
   1    4   45   46   47   48
   1    4   49   50   51   52
   1    4   53   54   55   56
   5 13309.   0.        0.                    577.
   6 20646.   0.        0.
   7 20646.   0.        0.
   8 13309.   0.        0.
   9 16124.   0.        0.
  10 22153.   0.        0.
  11 22153.   0.        0.
  12 16124.   0.        0.
  13 13240.   0.        0.            49    4
  14 19359.   0.        0.            50    4
  15 19359.   0.        0.            51    4
  16 13240.   0.        0.            52    4
  53 16044.   0.        0.
  54 26681.   0.        0.
  55 26681.   0.        0.
  56 16044.   0.        0.
   0    0 1000 0.01     1523.56                                    100.
 300
0.    -0.002 0.04 -0.002 0.08 -0.002 0.12 -0.002 0.16 -0.002 0.2  -0.002
0.24  -0.002 0.28 -0.002 0.32 -0.003 0.36 -0.003 0.4  -0.003 0.44  0.
0.48  0.004  0.52 0.004  0.56 0.001  0.6  0.002  0.64 0.    0.68 -0.002
0.72  -0.005 0.76 -0.009 0.8  -0.01  0.84 -0.009 0.88 -0.008 0.92 -0.013
0.96  -0.01  1.   -0.008 1.04 0.003  1.08 0.014  1.12 0.005  1.16 -0.01
1.2   -0.005 1.24 -0.005 1.28 -0.01  1.32 0.016  1.36 0.002  1.4  0.013
1.44  0.03   1.48 0.019  1.52 0.013  1.56 0.012  1.6  0.006  1.64 -0.023
1.68  -0.013 1.72 -0.022 1.76 -0.014 1.8  -0.046 1.84 -0.017 1.88 -0.004
1.92  -0.014 1.96 0.003  2.   0.012  2.04 -0.003 2.08 0.044  2.12 0.058
2.16  0.033  2.2  0.034  2.24 0.048  2.28 0.016  2.32 0.026  2.36 -0.002
2.4   0.     2.44 -0.009 2.48 -0.023 2.52 -0.006 2.56 -0.013 2.6  -0.017
2.64  0.008  2.68 0.065  2.72 0.051  2.76 0.041  2.8  0.05   2.84 0.018
2.88  -0.031 2.92 -0.01  2.96 -0.018 3.   -0.018 3.04 -0.01  3.08 0.029
3.12  -0.001 3.16 0.01   3.2  -0.013 3.24 -0.016 3.28 -0.021 3.32 -0.063
3.36  -0.066 3.4  -0.057 3.44 -0.045 3.48 -0.013 3.52 -0.002 3.56 0.019
3.6   0.024  3.64 0.001  3.68 0.038  3.72 0.043  3.76 0.014  3.8  -0.035
3.84  0.003  3.88 -0.023 3.92 -0.042 3.96 -0.012 4.    0.042  4.04 0.002
4.08  0.025  4.12 0.015  4.16 0.059  4.2  0.028  4.24 0.041  4.28 0.043
4.32  -0.005 4.36 -0.031 4.4  -0.069 4.44 -0.026 4.48 -0.006 4.52 -0.022
4.56  -0.038 4.6  -0.039 4.64 -0.012 4.68 0.028  4.72 0.035  4.76 0.013
4.8   -0.002 4.84 -0.013 4.88 -0.042 4.92 -0.027 4.96 0.02   5.   0.028
5.04  0.001  5.08 -0.024 5.12 0.025  5.16 0.015  5.2  -0.003 5.24 -0.006
5.28  -0.022 5.32 -0.021 5.36 -0.067 5.4  -0.012 5.44 0.004  5.48 0.028
5.52  0.016  5.56 -0.018 5.6  -0.034 5.64 -0.023 5.68 -0.002 5.72 -0.02
5.76  0.018  5.8  0.01   5.84 0.036  5.88 0.011  5.92 0.02   5.96 -0.012
6.    0.007  6.04 0.    6.08 -0.012 6.12 -0.023 6.16 -0.013 6.2  0.006
6.24  0.004  6.28 -0.022 6.32 -0.012 6.36 0.012  6.4  0.002  6.44 0.014
6.48  0.023  6.52 0.022  6.56 0.028  6.6  0.019  6.64 0.018  6.68 0.014
6.72  0.027  6.76 0.016  6.8  -0.002 6.84 -0.002 6.88 0.    6.92 -0.013
6.96  -0.013 7.   -0.009 7.04 -0.005 7.08 0.006  7.12 0.007  7.16 -0.002
7.2   -0.008 7.24 -0.019 7.28 -0.022 7.32 -0.017 7.36 -0.013 7.4  -0.004
7.44  0.001  7.48 0.007  7.52 0.002  7.56 0.007  7.6  0.01   7.64 0.003
7.68  -0.01  7.72 0.004  7.76 -0.02  7.8  -0.007 7.84 0.007  7.88 0.002
7.92  -0.006 7.96 -0.02  8.   -0.019 8.04 -0.018 8.08 -0.013 8.12 -0.003
8.16  0.001  8.2  -0.002 8.24 0.012  8.28 0.002  8.32 0.006  8.36 -0.008
8.4   -0.014 8.44 -0.014 8.48 -0.007 8.52 -0.003 8.56 0.009  8.6  0.01
8.64  0.014  8.68 0.008  8.72 0.006  8.76 -0.002 8.8  0.013  8.84 0.019
8.88  0.02   8.92 0.022  8.96 0.006  9.   0.002  9.04 -0.005 9.08 0.007
9.12  -0.006 9.16 -0.009 9.2  -0.009 9.24 -0.013 9.28 -0.013 9.32 -0.008
9.36  0.003  9.4  -0.003 9.44 0.005  9.48 0.011  9.52 0.01   9.56 0.008
9.6   -0.001 9.64 0.001  9.68 0.005  9.72 0.005  9.76 -0.008 9.8  -0.005
9.84  -0.004 9.88 -0.003 9.92 0.    9.96 0.    10.  0.006  10.04 0.
10.08 0.007  10.12 0.012 10.16 0.005 10.2 0.003  10.24-0.008 10.28-0.002
10.32 0.001  10.36 0.005 10.4 0.01  10.44 0.004 10.48 0.    10.52-0.001
10.56 -0.002 10.6 0.007  10.64 0.003 10.68 0.003 10.72 0.007 10.76 0.005
10.8  0.004  10.84 0.004 10.88 0.002 10.92-0.003 10.96-0.006 11.  -0.004
11.04 -0.004 11.08-0.01  11.12-0.005 11.16-0.007 11.2 -0.002 11.24 0.001
11.28 0.003  11.32 0.003 11.36 0.003 11.4 0.    11.44 0.004 11.48 0.008
11.52 0.003  11.56 0.007 11.6 0.    11.64-0.002 11.68 0.    11.72 0.
11.76 -0.003 11.8 -0.004 11.84 0.003 11.88 0.    11.92 0.002 11.96 0.
0.76
```

C. LOAD INFORMATION

D. TIME HISTORY OUTPUT SPECIFICATION

E. ELEMENT SPECIFICATION

```
100   10 1000   13   13   13
  5    9   13   17   21   25   29   33   37   41
 45   49   53
  5    9   13   17   21   25   29   33   37   41
 45   49   53
  5    9   13   17   21   25   29   33   37   41
 45   49   53
  2   91    3         6    2
  1 235000.  0.005     1500.     450000.   4.   4.   2.
  2 235000.  0.005     3600.     1080000.  4.   4.   2.
  3 235000.  0.005     4800.     2560000.  4.   4.   2.
  1    1 1287600. -3136900.
  2    1 2932600. -4628200.
  3    1 1986100. -3801800.
  4    1 1284800. -3004700.
  5    1 1947300. -3788000.
  6    1 90000000.-90000000.
  1    1 0.       21516.    2725300.  0.       21516.    -2725300.
  2    1 0.       33701.    4268800.  0.       33701.    -4268800.
  1    5    6    0    1         1    1    1    1    1    1.
  2    9   10    4    1         2    2    1    1    1    1.
  4   17   18    0    1         2    2    1    1    1    1.
  5   21   22    4    1         3    3    1    1    1    1.
  8   33   34    0    1         3    3    1    1    1    1.
  9   37   38    4    1         4    4    1    1    1    1.
 12   49   50    0    1         4    4    1    1    1    1.
 13   53   54    0    2         5    5    1    1    1    1.
 14    6    7    0    1         1    1    1    1    1    1.
 15   10   11    4    1         2    2    1    1    1    1.
 17   18   19    0    1         2    2    1    1    1    1.
 18   22   23    4    1         3    3    1    1    1    1.
 21   34   35    0    1         3    3    1    1    1    1.
 22   38   39    4    1         4    4    1    1    1    1.
 25   50   51    0    1         4    4    1    1    1    1.
 26   54   55    0    2         5    5    1    1    1    1.
 27    7    3    0    1         1    1    1    1    1    1.
 28   11   12    4    1         2    2    1    1    1    1.
 30   19   20    0    1         2    2    1    1    1    1.
 31   23   24    4    1         3    3    1    1    1    1.
 34   35   36    0    1         3    3    1    1    1    1.
 35   39   40    4    1         4    4    1    1    1    1.
 38   51   52    0    1         4    4    1    1    1    1.
 39   55   56    0    2         5    5    1    1    1    1.
 40    1    5    4    2         6    6    1    1
 52   49   53    0    2         6    6    1    1
 53    2    6    4    3         6    6    1    1
 65   50   54    0    3         6    6    1    1
 66    3    7    4    3         6    6    1    1
 78   51   55    0    3         6    6    1    1
 79    4    3    4    2         6    6    1    1
 91   52   56    0    2         6    6    1    1
STOP
```

A. PROBELM INITIATION AND TITLE

B. STRUCTURE GEOMETRY INFORMATION

```
START   CASES  TWEVTH STORY,THREE BAY FRAME
  56   16    4    1   13   16    1
   1 0.       0.
   2 780.     0.
   3 1580.    0.
   4 2360.    0.
   5 0.       150.
   6 780.     150.
   7 1580.    150.
   8 2360.    150.
   9 0.       515.
  10 780.     515.
  11 1580.    515.
  12 2360.    515.
  53 0.       4420.
  54 780.     4420.
  55 1580.    4420.
  56 2360.    4420.
   9   53   10    4
  10   54   10    4
  11   55   10    4
  12   56   10    4
   1    1    1    1    4
   1    4    5    6    7    8
   1    4    9   10   11   12
   1    4   13   14   15   16
   1    4   17   18   19   20
   1    4   21   22   23   24
   1    4   25   26   27   28
   1    4   29   30   31   32
   1    4   33   34   35   36
   1    4   37   38   39   40
   1    4   41   42   43   44
   1    4   45   46   47   48
   1    4   49   50   51   52
   1    4   53   54   55   56
   5 13309.   0.        0.                  577.
   6 20646.   0.        0.
   7 20646.   0.        0.
   8 13309.   0.        0.
   9 16124.   0.        0.
  10 22153.   0.        0.
  11 22153.   0.        0.
  12 16124.   0.        0.
  13 13240.   0.        0.          49    4
  14 19359.   0.        0.          50    4
  15 19359.   0.        0.          51    4
  16 13240.   0.        0.          52    4
  53 16044.   0.        0.
  54 26681.   0.        0.
  55 26681.   0.        0.
  56 16044.   0.        0.
   0    0 1000 0.01     1523.56                          100.
 300
```

C. LOAD INFORMATION

```
0.    -0.002 0.04  -0.002 0.08  -0.002 0.12  -0.002 0.16  -0.002 0.2   -0.002
0.24  -0.002 0.28  -0.002 0.32  -0.003 0.36  -0.003 0.4   -0.003 0.44  0.
0.48  0.004  0.52  0.004  0.56  0.001  0.6   0.002  0.64  0.     0.68  -0.002
0.72  -0.005 0.76  -0.009 0.8   -0.01  0.84  -0.009 0.88  -0.008 0.92  -0.013
0.96  -0.01  1.    -0.008 1.04  0.003  1.08  0.014  1.12  0.005  1.16  -0.01
1.2   -0.005 1.24  -0.005 1.28  -0.01  1.32  0.016  1.36  0.002  1.4   0.013
1.44  0.03   1.48  0.019  1.52  0.013  1.56  0.012  1.6   0.006  1.64  -0.023
1.68  -0.013 1.72  -0.022 1.76  -0.014 1.8   -0.046 1.84  -0.017 1.88  -0.004
1.92  -0.014 1.96  0.003  2.    0.012  2.04  -0.003 2.08  0.044  2.12  0.058
2.16  0.033  2.2   0.034  2.24  0.048  2.28  0.016  2.32  0.026  2.36  -0.002
2.4   0.     2.44  -0.009 2.48  -0.023 2.52  -0.006 2.56  -0.013 2.6   -0.017
2.64  0.008  2.68  0.065  2.72  0.051  2.76  0.041  2.8   0.05   2.84  0.018
2.88  -0.031 2.92  -0.01  2.96  -0.018 3.    -0.018 3.04  -0.01  3.08  0.029
3.12  -0.001 3.16  0.01   3.2   -0.013 3.24  -0.016 3.28  -0.021 3.32  -0.063
3.36  -0.066 3.4   -0.057 3.44  -0.045 3.48  -0.013 3.52  -0.002 3.56  0.019
3.6   0.024  3.64  0.001  3.68  0.038  3.72  0.043  3.76  0.014  3.8   -0.035
3.84  0.003  3.88  -0.023 3.92  -0.042 3.96  -0.012 4.    0.042  4.04  0.002
4.08  0.025  4.12  0.015  4.16  0.059  4.2   0.028  4.24  0.041  4.28  0.043
4.32  -0.005 4.36  -0.031 4.4   -0.069 4.44  -0.026 4.48  -0.006 4.52  -0.022
4.56  -0.038 4.6   -0.039 4.64  -0.012 4.68  0.028  4.72  0.035  4.76  0.013
4.8   -0.002 4.84  -0.013 4.88  -0.042 4.92  -0.027 4.96  0.02   5.    0.028
5.04  0.001  5.08  -0.024 5.12  0.026  5.16  0.015  5.2   -0.003 5.24  -0.006
5.28  -0.022 5.32  -0.021 5.36  -0.067 5.4   -0.012 5.44  0.004  5.48  0.028
5.52  0.016  5.56  -0.018 5.6   -0.034 5.64  -0.023 5.68  -0.002 5.72  -0.02
5.76  0.018  5.8   0.01   5.84  0.036  5.88  0.011  5.92  0.02   5.96  -0.012
6.    0.007  6.04  0.     6.08  -0.012 6.12  -0.023 6.16  -0.013 6.2   0.006
6.24  0.004  6.28  -0.022 6.32  -0.012 6.36  0.012  6.4   0.002  6.44  0.014
6.48  0.023  6.52  0.022  6.56  0.028  6.6   0.019  6.64  0.018  6.68  0.014
6.72  0.027  6.76  0.016  6.8   -0.002 6.84  -0.002 6.88  0.     6.92  -0.013
6.96  -0.013 7.    -0.009 7.04  -0.005 7.08  0.006  7.12  0.007  7.16  -0.002
7.2   -0.008 7.24  -0.019 7.28  -0.022 7.32  -0.017 7.36  -0.013 7.4   -0.004
7.44  0.001  7.48  0.007  7.52  0.002  7.56  0.007  7.6   0.01   7.64  0.003
7.68  -0.01  7.72  0.004  7.76  -0.02  7.8   -0.007 7.84  0.007  7.88  0.002
7.92  -0.006 7.96  -0.02  8.    -0.019 8.04  -0.018 8.08  -0.013 8.12  -0.003
8.16  0.001  8.2   -0.002 8.24  0.012  8.28  0.002  8.32  0.006  8.36  -0.008
8.4   -0.014 8.44  -0.014 8.48  -0.007 8.52  -0.003 8.56  0.009  8.6   0.01
8.64  0.014  8.68  0.008  8.72  0.006  8.76  -0.002 8.8   0.013  8.84  0.019
8.88  0.02   8.92  0.022  8.96  0.026  9.    0.002  9.04  -0.005 9.08  0.007
9.12  -0.006 9.16  -0.009 9.2   -0.009 9.24  -0.013 9.28  -0.013 9.32  -0.008
9.36  0.003  9.4   -0.003 9.44  0.005  9.48  0.011  9.52  0.01   9.56  0.008
9.6   -0.001 9.64  0.001  9.68  0.005  9.72  0.005  9.76  -0.008 9.8   -0.005
9.84  -0.004 9.88  -0.003 9.92  0.     9.96  0.     10.   0.006  10.04 0.
10.08 0.007  10.12 0.012  10.16 0.005  10.2  0.003  10.24-0.008  10.28-0.002
10.32 0.001  10.36 0.005  10.4  0.01   10.44 0.004  10.48 0.     10.52-0.001
10.56 -0.002 10.6  0.007  10.64 0.003  10.68 0.003  10.72 0.007  10.76 0.005
10.8  0.004  10.84 0.004  10.88 0.002  10.92-0.003  10.96-0.006  11.   -0.004
11.04 -0.004 11.08-0.01   11.12-0.005  11.16-0.007  11.2  -0.002 11.24 0.001
11.28 0.003  11.32 0.003  11.36 0.003  11.4  0.     11.44 0.004  11.48 0.008
11.52 0.003  11.56 0.007  11.6  0.     11.64-0.002  11.68 0.     11.72 0.
11.76 -0.003 11.8  -0.004 11.84 0.003  11.88 0.     11.92 0.002  11.96 0.
0.76.
```

D. TIME HISTORY OUTPUT SPECIFICATION

E. ELEMENT SPECIFICATION

```
100   10 1000   13   13   13
  5    9   13   17   21   25   29   33   37   41
 45   49   53
  5    9   13   17   21   25   29   33   37   41
 45   49   53
  5    9   13   17   21   25   29   33   37   41
 45   49   53
  2   91    3         6    2
  1 235000.  0.005     1500.     450000.   4.   4.   2.
  2 235000.  0.005     3600.     1080000.  4.   4.   2.
  3 235000.  0.005     4800.     2560000.  4.   4.   2.
  1    1 1287600. -3136900.
  2    1 2932600. -4628200.
  3    1 1986100. -3801800.
  4    1 1284800. -3004700.
  5    1 1947300. -3788000.
  6    1 90000000.-90000000.
  1    1 0.       12016.    1522000.  0.        12016.    -1522000.
  2    1 0.       18501.    2343500.  0.        18501.    -2343500.
  1    5    6    0    1        1    1    1    1    1    1.
  2    9   10    4    1        2    2    1    1    1    1.
  4   17   18    0    1        2    2    1    1    1    1.
  5   21   22    4    1        3    3    1    1    1    1.
  8   33   34    0    1        3    3    1    1    1    1.
  9   37   38    4    1        4    4    1    1    1    1.
 12   49   50    0    1        4    4    1    1    1    1.
 13   53   54    0    2        5    5    1    1    1    1.
 14    6    7    0    1        1    1    1    1    1    1.
 15   10   11    4    1        2    2    1    1    1    1.
 17   18   19    0    1        2    2    1    1    1    1.
 18   22   23    4    1        3    3    1    1    1    1.
 21   34   35    0    1        3    3    1    1    1    1.
 22   38   39    4    1        4    4    1    1    1    1.
 25   50   51    0    1        4    4    1    1    1    1.
 26   54   55    0    2        5    5    1    1    1    1.
 27    7    8    0    1        1    1    1    1    1    1.
 28   11   12    4    1        2    2    1    1    1    1.
 30   19   20    0    1        2    2    1    1    1    1.
 31   23   24    4    1        3    3    1    1    1    1.
 34   35   36    0    1        3    3    1    1    1    1.
 35   39   40    4    1        4    4    1    1    1    1.
 38   51   52    0    1        4    4    1    1    1    1.
 39   55   56    0    2        5    5    1    1    1    1.
 40    1    5    4    2        6    6    1    1
 52   49   53    0    2        6    6    1    1
 53    2    6    4    3        6    6    1    1
 65   50   54    0    3        6    6    1    1
 66    3    7    4    3        6    6    1    1
 78   51   55    0    3        6    6    1    1
 79    4    3    4    2        6    6    1    1
 91   52   56    0    2        6    6    1    1
STOP
```

A. PROBELM INITIATION AND TITLE

B. STRUCTURE GEOMETRY INFORMATION

```
START   CASE6  TWEVTH STORY,THREE BAY FRAME WITH LL.(FACTORED)
  56   16    4    1   13   16    1
   1 0.       0.
   2 780.     0.
   3 1580.    0.
   4 2360.    0.
   5 0.       150.
   6 780.     150.
   7 1580.    150.
   8 2360.    150.
   9 0.       515.
  10 780.     515.
  11 1580.    515.
  12 2360.    515.
  53 0.       4420.
  54 780.     4420.
  55 1580.    4420.
  56 2360.    4420.
   9   53   10    4
  10   54   10    4
  11   55   10    4
  12   56   10    4
   1    1    1    1    4
   1    4    5    6    7    8
   1    4    9   10   11   12
   1    4   13   14   15   16
   1    4   17   18   19   20
   1    4   21   22   23   24
   1    4   25   26   27   28
   1    4   29   30   31   32
   1    4   33   34   35   36
   1    4   37   38   39   40
   1    4   41   42   43   44
   1    4   45   46   47   48
   1    4   49   50   51   52
   1    4   53   54   55   56
   5 13309.   0.        0.                  577.
   6 20646.   0.        0.
   7 20646.   0.        0.
   8 13309.   0.        0.
   9 16124.   0.        0.
  10 22153.   0.        0.
  11 22153.   0.        0.
  12 16124.   0.        0.
  13 13240.   0.        0.            49    4
  14 19359.   0.        0.            50    4
  15 19359.   0.        0.            51    4
  16 13240.   0.        0.            52    4
  53 16044.   0.        0.
  54 26681.   0.        0.
  55 26681.   0.        0.
  56 16044.   0.        0.
   0    0 1000 0.01     1523.36                                  100.
 300
0.    -0.002 0.04  -0.002 0.08  -0.002 0.12  -0.002 0.16  -0.002 0.2   -0.002
0.24  -0.002 0.28  -0.002 0.32  -0.003 0.36  -0.003 0.4   -0.003 0.44  0.
0.48  0.004  0.52  0.004  0.56  0.001  0.6   0.002  0.64  0.     0.68  -0.002
0.72  -0.005 0.76  -0.009 0.8   -0.01  0.84  -0.009 0.88  -0.008 0.92  -0.013
0.96  -0.01  1.    -0.008 1.04  0.003  1.08  0.014  1.12  0.005  1.16  -0.01
1.2   -0.005 1.24  -0.005 1.28  -0.01  1.32  0.016  1.36  0.002  1.4   0.013
1.44  0.03   1.48  0.019  1.52  0.013  1.56  0.012  1.6   0.006  1.64  -0.023
1.68  -0.013 1.72  -0.022 1.76  -0.014 1.8   -0.046 1.84  -0.017 1.88  -0.004
1.92  -0.014 1.96  0.003  2.    0.012  2.04  -0.003 2.08  0.044  2.12  0.058
2.16  0.033  2.2   0.034  2.24  0.048  2.28  0.016  2.32  0.026  2.36  -0.002
2.4   0.     2.44  -0.009 2.48  -0.023 2.52  -0.006 2.56  -0.013 2.6   -0.017
2.64  0.008  2.68  0.065  2.72  0.051  2.76  0.041  2.8   0.05   2.84  0.018
2.88  -0.031 2.92  -0.01  2.96  -0.018 3.    -0.018 3.04  -0.01  3.08  0.029
3.12  -0.001 3.16  0.01   3.2   -0.013 3.24  -0.016 3.28  -0.021 3.32  -0.063
3.36  -0.066 3.4   -0.057 3.44  -0.045 3.48  -0.013 3.52  -0.002 3.56  0.019
3.6   0.024  3.64  0.001  3.68  0.038  3.72  0.043  3.76  0.014  3.8   -0.035
3.84  0.003  3.88  -0.023 3.92  -0.042 3.96  -0.012 4.    0.042  4.04  0.002
4.08  0.025  4.12  0.015  4.16  0.059  4.2   0.028  4.24  0.041  4.28  0.043
4.32  -0.005 4.36  -0.031 4.4   -0.069 4.44  -0.026 4.48  -0.006 4.52  -0.022
4.56  -0.038 4.6   -0.039 4.64  -0.012 4.68  0.028  4.72  0.035  4.76  0.013
4.8   -0.002 4.84  -0.013 4.88  -0.042 4.92  -0.027 4.96  0.02   5.    0.028
5.04  0.001  5.08  -0.024 5.12  0.026  5.16  0.015  5.2   -0.003 5.24  -0.006
5.28  -0.022 5.32  -0.021 5.36  -0.067 5.4   -0.012 5.44  0.004  5.48  0.028
5.52  0.016  5.56  -0.018 5.6   -0.034 5.64  -0.023 5.68  -0.002 5.72  -0.02
5.76  0.018  5.8   0.01   5.84  0.036  5.88  0.011  5.92  0.02   5.96  -0.012
6.    0.007  6.04  0.     6.08  -0.012 6.12  -0.023 6.16  -0.013 6.2   0.006
6.24  0.004  6.28  -0.022 6.32  -0.012 6.36  0.012  6.4   0.002  6.44  0.014
6.48  0.023  6.52  0.022  6.56  0.028  6.6   0.019  6.64  0.018  6.68  0.014
6.72  0.027  6.76  0.016  6.8   -0.002 6.84  -0.002 6.88  0.     6.92  -0.013
6.96  -0.013 7.    -0.009 7.04  -0.005 7.08  0.006  7.12  0.007  7.16  -0.002
7.2   -0.008 7.24  -0.019 7.28  -0.022 7.32  -0.017 7.36  -0.013 7.4   -0.004
7.44  0.001  7.48  0.007  7.52  0.002  7.56  0.007  7.6   0.01   7.64  0.003
7.68  -0.01  7.72  0.004  7.76  -0.02  7.8   -0.007 7.84  0.007  7.88  0.002
7.92  -0.006 7.96  -0.02  8.    -0.019 8.04  -0.018 8.08  -0.013 8.12  -0.003
8.16  0.001  8.2   -0.002 8.24  0.012  8.28  0.002  8.32  0.006  8.36  -0.008
8.4   -0.014 8.44  -0.014 8.48  -0.007 8.52  -0.003 8.56  0.009  8.6   0.01
8.64  0.014  8.68  0.008  8.72  0.006  8.76  -0.002 8.8   0.013  8.84  0.019
8.88  0.02   8.92  0.022  8.96  0.006  9.    0.002  9.04  -0.005 9.08  0.007
9.12  -0.006 9.16  -0.009 9.2   -0.009 9.24  -0.013 9.28  -0.013 9.32  -0.008
9.36  0.003  9.4   -0.003 9.44  0.005  9.48  0.011  9.52  0.01   9.56  0.008
9.6   -0.001 9.64  0.001  9.68  0.005  9.72  0.005  9.76  -0.008 9.8   -0.005
9.84  -0.004 9.88  -0.003 9.92  0.     9.96  0.     10.   0.006  10.04 0.
10.08 0.007  10.12 0.012  10.16 0.005  10.2  0.003  10.24-0.008  10.28-0.002
10.32 0.001  10.36 0.005  10.4  0.01   10.44 0.004  10.48 0.     10.52-0.001
10.56 -0.002 10.6  0.007  10.64 0.003  10.68 0.003  10.72 0.007  10.76 0.005
10.8  0.004  10.84 0.004  10.88 0.002  10.92-0.003  10.96-0.006  11.   -0.004
11.04 -0.004 11.08-0.01   11.12-0.005  11.16-0.007  11.2  -0.002 11.24 0.001
11.28 0.003  11.32 0.003  11.36 0.003  11.4  0.     11.44 0.004  11.48 0.008
11.52 0.003  11.56 0.007  11.6  0.     11.64-0.002  11.68 0.     11.72 0.
11.76 -0.003 11.8  -0.004 11.84 0.003  11.88 0.     11.92 0.002  11.96 0.
0.76
```

C. LOAD INFORMATION

```
100   10 1000   13   13   13
  5    9   13   17   21   25   29   33   37   41
 45   49   53
  5    9   13   17   21   25   29   33   37   41
 45   49   53
  5    9   13   17   21   25   29   33   37   41
 45   49   53
  2   91    3         6    2
  1 235000.  0.005     1500.     450000.   4.   4.   2.
  2 235000.  0.005     3600.    1080000.   4.   4.   2.
  3 235000.  0.005     4800.    2560000.   4.   4.   2.
  1    1 1287600. -3136900.
  2    1 2932600. -4628200.
  3    1 1986100. -3801800.
  4    1 1284800. -3004700.
  5    1 1947300. -3788000.
  6    1 90000000.-90000000.
  1    1 0.       21516.    2725300.  0.        21516.    -2725300.
  2    1 0.       33701.    4268800.  0.        33701.    -4268800.
  1    5    6    0    1        1    1    1    1    1    1.
  2    9   10    4    1        2    2    1    1    1    1.
  4   17   18    0    1        2    2    1    1    1    1.
  5   21   22    4    1        3    3    1    1    1    1.
  8   33   34    0    1        3    3    1    1    1    1.
  9   37   38    4    1        4    4    1    1    1    1.
 12   49   50    0    1        4    4    1    1    1    1.
 13   53   54    0    2        5    5    1    1    1    1.
 14    6    7    0    1        1    1    1    1    1    1.
 15   10   11    4    1        2    2    1    1    1    1.
 17   18   19    0    1        2    2    1    1    1    1.
 18   22   23    4    1        3    3    1    1    1    1.
 21   34   35    0    1        3    3    1    1    1    1.
 22   38   39    4    1        4    4    1    1    1    1.
 25   50   51    0    1        4    4    1    1    1    1.
 26   54   55    0    2        5    5    1    1    1    1.
 27    7    8    0    1        1    1    1    1    1    1.
 28   11   12    4    1        2    2    1    1    1    1.
 30   19   20    0    1        2    2    1    1    1    1.
 31   23   24    4    1        3    3    1    1    1    1.
 34   35   36    0    1        3    3    1    1    1    1.
 35   39   40    4    1        4    4    1    1    1    1.
 38   51   52    0    1        4    4    1    1    1    1.
 39   55   56    0    2        5    5    1    1    1    1.
 40    1    5    4    2        6    6    1    1
 52   49   53    0    2        6    6    1    1
 53    2    6    4    3        6    6    1    1
 65   50   54    0    3        6    6    1    1
 66    3    7    4    3        6    6    1    1
 78   51   55    0    3        6    6    1    1
 79    4    8    4    2        6    6    1    1
 91   52   56    0    2        6    6    1    1
STOP
```

D. TIME HISTORY OUTPUT SPECIFICATION

E. ELEMENT SPECIFICATION

ประวัติผู้ศึกษา

นายกรุง อังคนาพร เกิดเมื่อวันที่ 23 มีนาคม พ.ศ. 2508ที่ กทม. สำเร็จการศึกษาวิศวกรรมศาสตรบัณฑิตจากจุฬาลงกรณ์มหาวิทยาลัยเมื่อปีการศึกษา 2528 เข้าศึกษาหลักสูตรวิศวกรรมศาสตรมหาบัณฑิต สาขาวิศวกรรมโครงสร้าง ภาควิชา วิศวกรรมโยธา คณะวิศวกรรมศาสตร์ จุฬาลงกรณ์มหาวิทยาลัยเมื่อปีการศึกษา 2530 ปี พ.ศ. 2529-ปัจจุบันทำงานที่ บริษัท อรุณชัยเสรี คอนซัลติ้ง เอนจิเนียร์ส จำกัด

หอสมุดกลาง สถาบันวิทยบริการ จุฬาลงกรณ์มหาวิทยาลัย