### CHAPTER IV

#### RESULTS OF CALCULATION

IV.1 <u>Results of calculation for the radio wave refrativity</u> at the surface of the earth. Shown in Table No.6.

#### Table No.6

The results calculated from climatological data for radio wave refractivity at the surface of the earth during the period 1951-1970 of 46 stations.

Station	Month	Т (°к)	RH %	e mb	e mb	P mb	N .
Chiang Ra	i Jan.	292.8	78,8	23.085	18.191	1015 00	
	Feb.	294.7	71.3	25.950			
	Mar.	297.6	66.2	30,923			
	Apr.	300.3	65.4	36,282	20,471	1010.04	349,65
а •. - 12 г. – 4	May.	300.8			23,728	1008.23	360.13
	Jun.	300,3	75.1	37.358	28.056	1006.41	375.37
	Jul.		81.4	36,282	29.534	1004.99	381.68
· • · · · · · · · · · · · · · · · · · ·		299.9	82.7	35,440	29.309	1005.01	381,68
	Aug.	299.5	85,3	34.615	29.527	1005.32	383.34
· · · ·	Sep.	299.5	83.8	34.615	29.007	1007.54	381.76
1	Oct.	298.2	82.6	32,050	26.473	1011.93	376,98
1	Nov,	296.0	81.6	28,086	22,918	1014.43	363,58
	Dec.	293.2	81.6	23.664	19,310	1016.01	352.75
	Year.	297.7	78.0	31.109	24.265	1009.08	365.15
Mae Hong -	Jan.	295.0	73.1	26,430	19.320	1013.98	349:59
Son	Feb.	296.2	65.3	28.428	18,563	1012.10	343.77
	Mar.	299.5	54.3	34.615	18,796	1009,60	339.80
	Apr.	302,9	53.8	42.187	22,697	1007.65	350.75
	May.	302.4	70.1	40.991	28,735	1005.88	375,58
	Jun.	300.6	80.9	36.929	29.872		382,57
	Jul.	300.2	82.8	36,070	29.866		383.34
· · · · · · ·	Aug,	300.0	85.2	35.649	30,373		385,67
	Sep.	300.3	84,5	36.282	30,658		387.22
	Oct. 2	299.9	82.5	35.440	29.238		82.81
	Nov. 2	298.3	78.8	32.242	25,407		370.05
	Dec. 2	297.6	76.9	27.413	21.081		53.23
	Year. 2	.99.2	74.0	34,008	25.166		66.27
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Station .	Month	Т	RH	ĒS	ē	Р	N
	ж. Т	(°K)	%	mb	mb		IN .
Chiang Mai			/0	шD	mD	mb	
· . · ·	Jan	294.1	74.4	25.014	18.61	1014.36	347.65
-	Feb	296.0	65.3	28,86	18.34	1011.78	343,77
	Mar	299.1	57.0	33.807	19.27	1009.39	342.22
	Apr	301.8	59.0	39.594	23.36	1007.55	354,63
	May	301.7	72.2	39.365	28,42	1005.98	375.58
	Jun	300.9	79.3	37.575	29,80	1004.97	381.79
	Ju1	300.4	80,6	36.495	29.41	1005.08	381.02
	Aug	300.0	83.7	35.649	29,84	1005.31	383.79
<	Sep	299.9	83.7	35,440	29,66	1007,14	383.34
	Oct	299.2	81.4	34,008	27,68	1011.09	377.91
	Nov	297.3	80.1	30,373	24.33	1013.19	367,05
	Dec	294.7	77.8	25.950	20,19	1014.75	353.86
	Year	298.8	74.5	33,212	24.74	1009.22	365,50
Mae Sariang							
and burring							
2 - 12	Jan	295.3	71.7	26.918	19.30	1013,92	349,20
	Feb	296.4	64.2	28,947	18.58	1012.47	343,77
-	Mar	299.7	54.3	35,025	19.02	1009.93	340,66
-	Apr	303.1	54.4	42,674	23.21	1007.85	352,30
	May	302.7	70.0	41.705	29.19	1006.24	377.14
	Jun	300,5	81.4	36.709	29.88	1005.44	383,34
	Jul	299.9	83.2	35.440	29.49	1005.42	382,57
	Aug	299m7	84.5	35.025	29.60	1005.70	383,34
	Sep	300.3	82.6	36.495	30.14	1006.83	384,90
	Oct	300.4	79.6	36.709	29.22	1010.35	381.79
· · /	Nov	298.9	77.1	33.410	25.76	1012.92	370,93
	Dec	296.2	75.2	28.428	21.41	1013,55	356,92
	Year	299.4	73.2	34.411	25.19	1009.22	366.27
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Station	Month	Т	RH	ēŝ	ę	Р	N
-	1	(°K)	%	n'o mb	mb	697 b	
Lampang							
	Jan	295.0	70.1	26.430	18.53	1014.22	346.10
	Feb	297.2	62.2	30.191	18.78	1011,59	343.77
	Mar	300,3	54.9	36,282	19.92	1009.24	342.99
	Apr.	302,8	57.4	41.945	29.66	1007,56	378.69
	May	302.4	70.7	40,991	31.52	1005.96	386.45
2.2	Jun	30.14	76.9	38,686	29.75	1005.12	381.02
	Jul	301.0	77.6	37.796	29.33	1005.09	380.24
	Aug	300.6	81.6	36,924	30.13	1005.36	384.12
•••	Sep	300.3	84.2	36,282	30,55	1007.01	386,45
· ·	Oct	299.4	83.1	34.411	28,60	1011.26	389,55
1	Nov	297.6	79.3	30,923	24.52	1013.59	367.82
	Dec	295.2	75.9	26.754	20,31	1014,63	353,86
	Year	299.4	72.8	36.495	26.57	1009.22	372.48
Nan							
	Jan	294.7	77.0	25.950	19.98	101/ 66	252 00
·	Feb	296.8	71.5	29.475	21.07	1014,66	353.08
	Mar	299.7	66.8			1011.94	353.86
-	Apr	302.2		35.025	23,40	1009.50	358,51
-			67.7	40.521	27.43	1007.65	370,93
	May	302.4	76.1	40.991	31.19	1006.11	385.67
	Jun	301.6	80.4	39,137	31.47	1004.85	388.00
	Jul	300.9	82.8	37.576	31.11	1005.10	387,22
	Aug	300,6	85.2	36,924	31.46	1005.14	389,55
	Sep	300.7	85.6	37.140	31.79	1007.07	391.10
	Oct	300.0	83,4	35.859	29.91	1011.20	385,67
	Nov.	298.0	81.2	31.860	25.87	1013.55	372.48
	Dec.	295.1	79.2	26.754	21.19	1015.15	357.74
1 . S	Year.	299.4	78.1	34.411	26.87	1009.33	373.26

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Station	Month	т (°к)	RH %	es mb	e mb	P mb	N
Uttaradit						2 1	
	Jan	296.9	70.0	29.652	20.76	1013.19	353.08
	Feb	299.1	66.6	33.807	22.52	1013.15	356.18
-	·Mar	301:9	62.1	39.824		1009.61	360.84
ан. А.,	Apr	304.0	62.1	44.927	27.90	1008.13	370.15
	May	303.3	72.9	43.414	31.65	1006.50	385.67
	Jun	301.8	81.0	39.594	32.07	1005.74	390.33
	Ju1	301.4	81.8	38.686	31.65	1005.91	388.78
	Aug	301.1	84.5	38.017	32.12	1005.93	391.10
	Sep	300.9	84.0	37.575	31.56	1007.31	389.55
	Oct	300.7	80,9	34.411	27.84	1010.89	375.58
	Nov	299.3	76.9	34,209	26.31	1013.01	372,48
	Dec	297.2	72.6	30.191	21.92	1014.33	357.74
	Year	300,6	74,6	36.924	27.55	1009.40	374.03
Phrae					- 1		
	Te e	205 2	70.0		-		
	Jan	295.3	72.0	26.918	19.38	1013.20	349,20
-	Feb	297.5	65.2	30.789	20.04	1010.95	348,21
-	Mar	300.6.	58.8	36.924	21.71	1008.78	349,98
	Apr	303.1	60,0	42.674	25.60	1007.25	361,89 '
	May	302.5	70.9	41.228	29.23	1005.59	377.19
	Jun	301.2	77.8	38.462	29.92.	994.71	379.37
	Jul	300.8	79,2	37.358	29.59	1004.66	381,25
	Aug	300.4	82.7	36.495	30.18	1004.88	384.12
	Sep	300.3	83.9	36,282	30.44	1006.35	386.04
	Oct.	299.9	82.4	35.440	29.20	1010.26	382.59
	Nov.	298.1	79.5	31.860	25.33	1012.47	369.95
	Dec.	295.6	75.8	27.247	20.65	1013,52	354.28
	Year.	299.6	74.0	34.820	25.77	1008.55	368,39

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Station	Month	Т (°К-)	RH %	iës mb	.ė mb	P mb	N
Tak							
	Jan	296.4	64.6	28.773 -	18.59	1012,95	344.54
	Feb	299.7	52.1	35.025	18.25	1010,42	337.56
	Mar	303.4	45,0	43.414	15.49	1008,58	320.77
	Apr.	304.9	52.4	47.283	24.78	1007.11	355.81
	May	303.3	68.5	43.919	30,08	1005,47	379,30
	Jun	301.5	73.1	38.911	28.44	1004.90	375.42
A STATE	Jul	301.5	72.1	38.911	28,05	1004.98	373.83
	Aug	301.3	73.6	38,426	28,28	1005.08	375.13
	Sep	300,8	77.8	37.140	28.89	1006.39	378.81
,	Oct.	299.9	32,3	35.440	29.17	1010,18	383,60
•	Nov	298.4	78.4	32.434	25.43	1012.23	369,83
	Dec.	296.3	73.0	28,600	20.88	1013,14	354.95
	Year	300.6	67.7	36,709	24.85	1008.45	363.17
Phitsanulok							
	Jan	297.7	69.4	31.109	21.59	1013,61	355,14
	Feb	299.9	67.6	35,440	23.96	1011.44	361.15
	Mar	302,4	64.9	40.991	26,60	1009,49	367.62
	Arp	304.1	64.5	45.442	29.31	1008.00	375,52
	May	303.3	73.8	43,166	31.86	1006.54	386.80
	Jun	302.1	79.9	40.521	32.38	1005.90	390.81
	Jul	301.5	81.3	38.911	31,63	1006.40	387.82
•	Aug	301.3	82.9	38.462	31.88	1006.06	390.19
	Sep	301.2	83.5	38,239	31.93	1,007.37	390,90
	Oct	301.1	80.4	38.017	30.57	1010,78	386.36
	Nov	299.8	75.9	35,232	26.74	1012,82	373.20
	Dec	297.7	71.8	31.109	22.34	1014.05	358,41
	Year	301.0	74.7	37.796	28.23	1009.34	376.52
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p	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·				
Station	Month	т	RH	es	ě	Р	N
		(°K)	%	mb	mb	mb	
Mae Sot			-				
	Jan	296.1	68.3	28,256-	19.30	1013.07	347.66
	Feb	298.0	62.6	31.671	19.83	1011,21	346.67
	Mar	300.6	56.1	36,924	20,71	1009,55	346,16
	Apr	302,8	59.3	41.945	24.87	1008,16	359,61
	May	302.0	73.3	40.055	29.36	1006.46	378,77
	Jun	300.1	83.4	35.859	29.91	1006.06	384.11
	Jul	299.5	85.2	34,615	29.49	1006.36	383.46
	Aug	299.3	86.4	34,209	29.56	1006.38	384.12
	Sep	299.9	84.5	35.440	29,95	1007.21	384.91
	Oct.	299.9	80.7	35.440	28,60	1009,90	380.01
×	Nov.	298.5	75.4	32.627	24.60	1011.85	366.10
	Dec.	296.1	72.2	28,256	20,40	1013.23	352.39
	Year	299.4	74.0	34.411	25.46	1009.12	367.56
Phetchaburi							
rnecchaburi	1				-	×.	
	Jan	296.3	62.6	28,600	17.90	1013.80	341.44
-	Feb	298.9	60.3	33.410	20.15	1011.84	346.88
	Mar	301.6	60.0	39.137	23.48	1009.88	356.19
	Apir	303.1	62.1	42.919	26.65	1008.40	366.27
	May	302.5	72.5	41.228	29.89	1006.62	380.15
	Jun	301,2	78.3	38.239	29.94	1005.91	382.34
	Jul.	300.6	80,9	36.924	29,87	1006.18	383.13
	Aug	300.3	83.4	36,282	30,26	1005.97	385,20
	Sep	300.4	83.9	36,495	30,62	1007.12	386,81
	Oct	300.1	78.1	35.859	28.01	1010.58	377.40
1 - <sup>1</sup> .	Nov	298.3	72.2		23,28	1013.01	361.17
	Dec	296.3	65.2	28,600	18,65	1013.88	344.59
	Year.	300.0	71.6	35.859	25.68	1009.43	367.61

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Surger and primer								
Stat	ion .	Month	т • (°к)	RH %	es mb	le mb	P mb	N
Phun	nipol Da	Į				-		
	*	Jan	296.8	60.2	29.475	17.74	1013.33	340,11
	*	Feb	299.5	50.7	34.615	17.55	1010,94	335,23
	17 14	Mar	302.4	42.7	40.991	17.59	1008.27	330,53
		Apr.	304.5	47.6	46.223	22.00	1006.63	345.10
a to commence with the		May	. 303.0	65.6	42.430	27.83	1006.41	370,89
		Jun	30115	70.0	38.911	27.24	1005.01	354.63
		Ju1	301.1	70.9	38.017	26.95	1004.87	370,15
		Aug	300.9	71.9	37.575	27.01	1004.67	370,45
	8. 	Sep	300.4	75.9	37.495	28.38	1006.41	377.36
		Oct	299.8	77.4	35.232	27.27	1010,12	374.71
-	,	Nov	298.7	72.5	33,016	23,94	1012.47	363.17
an ann an go Brai		Dec	297.0	68.6	29.831	20,46	1013.51	351.39
a la	аў. L	Year	300.5	64.6	36,709	23.71	1008.55	358.45
Loei						-		
safet and a		Jan	293.9	64.7	24.700	15.98	1014.75	336.98
		Feb	296.6	60.4	29.122	17.59	1012.31	339.49
-	~	Mar	299.7	58.4	35.025	20,45	1010.29	346.87
-		Apr	301.4	63.2	38,686	24.45	1008.73	360.17
		May	301.4	74.4	38,686	28.78	1006.79	377.47
		Jun	301.0	77.5	37.796	29.29	1005,53	379.90
		Jul	300.7	77.1	37.140	28.63	1005.26	377.61
		Aug	300.3	80.0	36.282	29.03	1005.40	379.96
		Sep	299.8	82,6	35.232	29.10	1007.11	381,53
	• •	Oct	298.8	78.1	33,212	25.94	1011.50	371.14
	· · · ·	Nov	296.8	73.4 -	29:475	21.63	1013,72	356.69
		Dec	294.5	69.2	25.635	17.74	1014.72	343.72
		Year	298.7	71.6	33.016	23,64	1009,68	360.84
4		Contraction designed in the original data	1				4	

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Station	Month	T *K	RH %	es mb	e. mb	P mb	N
			70			mo	
							е • кр
Udon Thani							1
	Jan	295.2	71.1	26.754	19.02	1014.83	348.42
	Feb	297.8	68.4	31.295	21.41	1012.35	353.91
	Mar	300.9	65.8	37.576	24.73	1010,00	362,42
	Apr	302.9	67.8	42.187	28.60	1008.36	374.68
	May	302.5	77.5	41.228	31.95	1006.67	388,56
	Jun	301.7	81.3	39.365	32,00	1005.41	389.55
11 11 11 11 11 11 11	Jul	301.5	81.5	38,911	31.71.	1005.28	388,94
	Aug	301.0	83.7	37.796	31.64	1005.22	389.55
	Sep	300.6	84.3	36.924	31.13	1007.04	388,56
÷	Oct	299.9	78.4	35.440	27.78	1011.26	377.14
	Nov	298.0	75.0	31.671	23.75	1013.54	363.94
	Dec.	295.4	72.6	27.082	19,66	1015.05	350.74
2	Year	299.8	75.6	35.440	26,79	1009.58	372,57
Nakhon Pham	om				-		
	Jan	294.6	69.2	25.792	17.85	1015.14	344.16
	Feb	297.8	67.8	29,475	19.98	1013.06	348.07
~	Mar	299.9	66.2	35.440	23.46	1010.52	358,51
	Apr	301.9	68,5	39.824	27.28	1008.73	371.00
/	May	301.7	78.4	39.365	30.86	1006,85	385,52
	Jun	300.8	84.7	37.358	31.64	1005.68	389.97
	Jul	300.6	85.0	36,924	31.39	1005.32	389,19
	Aug	300.1	86.7	35.859	31.09	1005.33	388,81
	Sep	300.0	85.2	85.649	30,37	1007.01	386.43
	Oct	299.1	78.2	33.807	26.44	1011.22	372.67
•	Nov	297.3	73.5	30.373	22.32	1013,68	358.84
· *	Dec	295.0	72.7	26.430	19.21	1014.94	349.20
	Year	299.0	76,4	33.608	25.68	. 1009.79	369.29
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Station	Month	т	RH	ę s	e	P	N
		۴ĸ	%	mb	mb	mb	12
Sakon Nakho	on						
	Jan	294.5	64. 2	05 (05			
	Feb	294.5	64.2	25.635	16.46	1015.84	338.51
			63.6	29.652	18.86	1013,75	344.82
	Mar	300.1	62.8	35.859	22,52	1011.23	354.82
	Apr	302.1	64.9	40.287	26.15	1009.54	366,27
. *	May	301.8	76.3	39,594	30.21	1007.62	382.88
	Jun.	30.10	80.0	37.796	30.24	1006.30	384,01
	Jul	301.1	79.9	38,017	30.38	1006.07	384.36
	Aug	300.6	82.2	36.924	30.35	1006.09	385.09
	Sep	300.1	81.9	35.859	29.37	1007.81	382,33
	Oct	299.2	74.2	34.008	25.23	1012.08	367.69
	Nov	297.1	68.6	30.011	20.65	1014.43	352.28
	Dec	294.7	.67.6	25.950	17.45	1015.73	342.46
	Year	299.1	72.2	33.807	24.41	1010.54	364.03
Mukkahan					-		
	Jan	294.8	64.9	26,109	16.94	1015 00	
	Feb	297.3	62.6	30,373		1015.23	339,99
	Mar	300.8	60.3	37.358	19.01	1012.96	344.68
	Apr	302.5	62.5		22.53	1010.64	353,67
	May			41.228	25.77	1008.86	363,92
	Jun	302.2	73.1	40.521	29.62	1007.06	376.66
•		301.3	78.1	38.462	30.04	1005.85	382.57
· · ·	July	300.9	79.1	37,576	29.72	1005.74	381,90
	Aug	300.7	81.8	37.140	30,38	1005.73	384,95
	Sep	300.2	82,2	36.070	29.65	1007.36	383,20
	Oct	299.2	75.0	34.008	25.51	1011.19	368.62
	Nov	297.3	70.0	30.373	21.26	1013.65	354.36
	Dec	295.1	68.0	26.592	18.08	1015.24	344.46
	Year	299.4	71.5	34.411	24,60	1009.96	364.20

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	Station	month	Т	RH	ëŝ	ē	Р	N
-			• K	%	mb	mb	mb	
-	Khon Kaen							
		Jan	296.2	64.3	28,428	18,28	1014.15	343.46
		Feb	298.7	62.8	33.016	20.73	1011.75	349.57
	· · · · · · · · · · · · · · · · · · ·	Mar	301.8	61.2	39.594	24.23	1009,60	358.89
		Apr	303.2	63.4	42.674	27.06	1008.06	367.87
		May	302.8	72.4	41.945	30.37	1006.37	381.54
		Jan	301.6	76.4	39.137	29.90	1005.28	381.35
		Jul	301.2	77.7	38.239	29.71	.1005.18	381.21
		Aug	301.1	80.1	38.017	30.45	1005.14	384.10
		Sep	300.6	81.6	36.924	30.13	1006.77	384.36
		Oct	299.7	76.7	35.025	26,86	1010.69	370.43
	х. У У У	Nov	298.2	70.5	32.242	22.73	1012.94	359.01
		Dec	296.1	66.6	28,256	18.82	1014.35	345.96
		Year	300.1	71.1	35.859	25,50	1009.19	366.64
-		, <i>*</i> .						
	Roi Et							
		Jan	296.2	65.8	28,428	18.71	1013,98	345.25
		Feb	298.6	63.2	32.821	20,74	1011.55	349.70
		Mar	301.4	62.2	38.686	24.06	1009,68	358.16
		Apr	302.7	65.1	41.705	27.155	1008,26	369.08
		May	302.5	74.2	41.228	30,59	1006,48	382.97
		Jun	301.7	77.7	39.365	30.59	1005.43	384,05
	1	Jul	301.3	78.3	38,462	30,12	1005.34	382,77
		Aug	300.9	80.8	37.576	30.36	1005,26	384.41
	с. 1. е.	Sep	300.4	82.7	36,495	30,18	1006.82	384.92
		Oct	299.6	77.4	.34.820	26.95	1010.56	373.82
		Nov	298.0	72.6	31.671	22.99	1012.78	360,36
		Dec	296:2	68.3	-28.428	19.42	1014.21	348.33
		Year	300.0	72.4	356,49	25,81	1009.20	368.09
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Station	month	т (°К)	RH %	es mb	e mb	P mb	N
Ubon Rate	chathani						
	Jan	297.1	66.8	30.011	20.05	1013.23	349.42
	Feb	299.2	64.2	34.008	21.83	1011.30	353.32
	Mar	301.8	63.5	39.594	25,14	1009.53	362.61
	Apr	303.0	67.7	42.430	28.73	1008.20	374.99
8 · .	May	302.5	76.5	41,228	31.54	1006,70	386,90
	Jun	301.6	79.9	39.137	31.27	1005.90	387.13
	Jul	301.1	81.1	38.017	30.83	1005.85	386.17
19 A.	Aug	300.9	82.6	37.576	31.04	1005,66	387.31
	Sep	300,5	83.6	36.709	30,69	1006.84	386,85
	Oct	299.9	77.6	35.440	27.50	1009.86	375.44
	Nov	298.6	72.4	32.821	23.76	1012.01	362.47
×	Dec	297.0	69.7	29.831	20.79	1013.23	352.71
	Year	300,3	73.8	36.282	26.78	1009.03	371.57
Surin	2						
	Jan	296,6	64.6	29.122	18.81	1013.73	345.05
	Feb	299.0	62.0	33,608	20.84	1011.85	349,60
-	Mar	301,6	61.5	39.137	24.07	1010.07	358.65
	Apr	302.6	65.7	41.466	27,24	1008.80	369.75
	May	302.1	75,3	40.287	30.34	1007.21	382,79
	Jun	301.4	79.0	38.686	30.56	1006.39	384.68
	Ju1	301.0	79.8	37.796	30,16	1006.29	383.68
	Aug	300.7	81.4	39.365	32.04	1006.41	391.99
	Sep	300.3	83.4	36.282	30.26	1007.50	385,59
	Oct	299.6	80,4	34.820	28,00	1010.58	378.17
	Nov	298.1	75.1	31.860	23.93	1012.49	364.07
	Dec	296.4	69.4	28,773	19.97	1013,77	350.25
	Year	300.0	73.1	356.49	26,06	1009.59	369.22

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		N					
Station	Month	T K	RH %	es mb	e mb	P mb	N
*.	nik – Prime Kananaga Labara primerana ang kanang P				1		
Nakhon Rat	chasima						
	Jan	296.4	68.9	28,773	19.82	1014.14	349.72
	Feb	299.3	65.7	34.209	22.48	1011.91	356.03
	Mar	301.9	66.3	39.824	26.40	1010.13	367.77
	Apr	302.9	69.2	42.187	29.19	1008.81	377.20
4 · ·	May	302.4	77.2	40.991	31.65	1007.17	387.64
	· Jun	301.8	76.9	39.594	30,45	1006.35	383.54
	Ju1	301.2	78.0	38.239	29.83	1006.40	381.79
	Aug	301.0	79.1	37.796	29.90	1006.38	382,63
-	Sep	300.4	83.4	36.495	30.44	1007.59	386.19
	Oct	299.4	82.2	34.411	28,29	1010.90	379.81
	Nov	297.7	77.6	31.109	24.14	1013.02	365.73
•	Dec	296.0	73.1	28.086	20.53	1014.37	353.39
	Year	300,0	74.8	35.649	26,67	1009.76	371.80
Chaiyaphum				14.			
	Jan	296.6	52,3	29.112	15.23	1013,92	329.89
	Feb	298.9	51,8	33,410	17.31	1012.03	335.06
	Mar	301.6	53.0	39.137	20.74	1009,62	344.87
	Apr	302.7	57.5	41,705	23,98	1008.31	356.18
	May	302.4	67.7	40,991	27.75	1006.42	371.53
	Jun	301.4	71.6	38,686	27.70	1005.64	372.73
	Jul	300.8	73.8	37,358	27.57	1005.48	373,12
	Aug	300.4	76.3	36.495	27.85	1005.60	374.94
	Sep	300.0	78.6	35.649	28.02	1006.88	376.65
	Oct	299.6	70.7	34.820	24,26	1010,57	364,13
	Nov	298.3	62.1	32.242	20,02	1012.78	347.44
a da seren a	Dec	296.6	56.4	29.122	16.42	1013.73	334.89
	Year	299.9	64.3	35.440	22.79	1009,25	355,73
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							bernamena and bernamena be
Station	Month	°K	RH %	es mb	e mb	P mb	N
Nakhon Sa	lwan						
	• Jan	297.9	63.8	31.483	20,08	1013.78	348.54
	. Feb Mar	300.7 303.2	62:4 60.7	37.140 42.919	23.18 26.05	1011.64 1009.90	356.76 364.24
	Apr	304.4	62.0	45.961	28,50	1008.53	371.91
	May	303.5	69.8	43.663	30.48	1006.81	380.94
	Jun	302.4	74.1	40.991	30,37	1006.07	382.13
	Jul	30.19	76.0	39.824	30.27	1006.21	382.60
	Aug	301.5	78.6	38.911	30,58	1006.23	384.55
	Sep	30110	81.1	37.796	30,65	1007.46	385.67
	Oct	300.6	79.7	36.924	29.43	1010.74	382.49
	Nov	299.3	73.6	34.209	25.18	1012.77	367.50
	Dec	297.4	68.1	30.555	20.81	1014.06	352.42
	Year	301.2	70.9	38.239	27.11	1009.52	371.63
Lop Buri							
	Jan	298.8	59.8	33,212	19.86	1013.21	346.16
5	Feb	301.2	63.2	38,239	24.17	1011.47	360.03
	Mar	303.1	64.9	42.674	27.70	1010.10	370,93
	Apr	303.9	66.6	44.672	29.75	1008.82	377.83
	May	303.0	74.3	42.403	31.51	1007.18	386,05
	Jun	301.9	76.9	39.824	30.62	1006.59	384.13
	Jul	301.3	79.2	38.462	30,46	1006.66	384.51
	Aug	301.1	80.8	38.017	30,72	1006.65	385.91
•	Sep	300.8	83.1	37.358	31.04	1007.63	388.01
	Oct	300.5	78.7	36.709	28,89	1010.44	380,35
	Nov	299.4	71.2	34.411	24.50	1012,28	364.38
	Dec	298.4	62.9	32-434	20.40	1013.35	349.04
	Year	301.1	71.8	38.017	27.30	1009.53	372,57
h				•	1	t	

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Station	Month	т •к	RH %	es mb	'é mb	P mb	N
Aranyaphat	het						
	Jan	298.1	63.9	31.860	20.36	1013.49	349.34
	Feb	300.6	64.3	36.924	23.74	1011.76	359.25
	Mar	302.7	66.2	41.705	27.61	1010.33	371.48
	Apr	303.2	70.1	42.919	30.09	1009.26	380.46
	May	302.6	77.9	41.466	32.30	1007.70	398.44
	Jun	301.7	80.5	39.365	31.69	1007.16	389,00
	Ju1	300.9	82.6	37.576	31.04	1007.20	387,70
	Aug	300.8	83.6	37.358	31,23	1007.08	388,64
	Sep	300.7	84.6	37.140	31.42	1007.97	389.83
	Oct	300.3	81.5	36,282	29.57	1010.55	383,52
	Nov	299.0	75.2	33.608	25.27	1012,28	368.24
	Dec	297.5	70.0	30.739.	21.52	1013.49	355.10
	Year	300.7	75.0	37.140	27.86	1009.86	375.62
Chon Buri						-	. ,
	Jan	298.5	68.2	32.627	22.25	1012.62	356.46
	Feb	300,2	72.5	36.070	26.15	1011.38	369,74 :
а 1	Mar	301.7	72.7	39.365	28.62	1010.15	377.18)
	Apr	302.8	72.7	41,945	30.49	1008.82	382,68
	May	302.3	76.3	40.755	31.10	1007.17	Pre: 385,53
	Jun	302.9	75.1	42.189	31,68	1006.82	387.97
• 11 <sup>1</sup> a.	Ju1	301.4	76.7	38.686	29.72	1006.97	381.18
	Aug ·	301.2	78.0	38,239	29.83	1006.96	382.14
	Sep	300.9	80.7	37.576	30,32	1007.63	384.87
· · · · · ·	Oct	300.4	81.7	36.709	29.99	1010.09	384.98
	Nov	299.7	74.8	35.025	25.92	1011.67	369,65
	Dec	298.7	68.9	33.016	22.75	1012,45	358,19
	Year	300.8	74.9	37.358	27.98	1009.39	375.83

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					g		Phate Billing and the Contract of the Surger
Station	Month	°K	RH %	es mb	e mb	P mb	Ν.
Suphanbur	Ĺ						
200 A.	Jan	298.4	64.0	32.434	20.76	1014.32	350,80
	Feb	300.6	64,9	37.576	24.39	1012.48	362.12
	Mar	302.9	62.3	42.187	26.28	1010.83	365.88
	Apr	304.2	61.6	45.442	27,99	1009,48	370.41
	May	303,3	69.1	43.166	29.83	1007.69	378:86 <sup>s</sup>
	Jun	302.6	70.2	41.466	29.11	1007,32	376.98
	Jul	301.9	73.0	39.824	29.07	1007.25	377.95
а. Э	Aug	301.7	75.1	39.365	29.56	1007.36	380.24
	Sep	301.2	79.7	38.239	30,48	1008.22	385.16
- <b>T</b>	Oct	300.7	79.7	37.140	29.60	1011.33	383.18
•	Nov	299.4	74.8	34.411	25.74	1013.15	369.77
	Dec	297,9	68.1	31.483	21.44	1014.14	354.35
	Year	301.2	70,2	38,239	26,84	1010,30	370,72
Prachinbur	i			-			-
	Jan	298,5	60,1	32.627	19.61	1012,90	345.47
-	Feb	300.7	63.5	37.140	23.58	1011.40	358.51
	Mar	302.4	65.9	40.991	27.01	1010.08	369.45
	Apr	303.2	69.3	42.919	30.32	1008.94	381.33
	May	302,5	76.9	41.228	31.70	1007.13	387.66
2 (10) 10	Jun	301.7	79.5	39,365	31,30	1006.76	387,30
•	Ju1	301.2	81.1	38,239	31.01	1006.71	386.95
	Aug	301,1	81.8	38.017	31.10	1006.69	387.22
	Sep	300,9	82.5	37.576	31.00	1007.48	387.62
	Oct	300,9	77.5	37.576	29.12	1010,07	380.54
	Nov	300,0	68.2	35,859	24.46	1011.74	363.15
	Dec	298.5	61.3	32,627	20,00	1012.56	347.01
	Year	301.0	72.3	37.796	27.33	1009.37	372.48
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Station	Month	т	RH	-69	ē	Р	N
×		°К,	%	mb	mb	mb	1
Kanchanab	uri						
	Jan	297.9	61.8	31.483	19.46	1013.24	345.79
	Feb	300.6	6011	36.924	22.19	1011.65	352.82
	Mar	303.0	56.3	42.430	23,89	1010.04	355.80
	Apr	304.2	58.7	45.442	26.67	1008.95	364.95
	May	303.1	70.0	42.674	29.87	1007.49	379.30
	Jun	302.0	72.1	40.055	28.88	1007.42	377.14
	Jul	301.5	73.1	38.911	28.44	1007.19	376.01
	Aug	301.4	73.9	38.686	28,59	1007.13	376.77
7	Sep	301.0	77.0	37.796	29.10	1007.81	379.71
	Oct	300.0	79.5	35.649	28,34	1010.54	378.93
	Nov	298.8	74.5	33.212	24.74	1012.49	366.38
	Dec	297.3	68.5	30,373	20.81	1013,36	352.38
· · · · · ·	Year	300,9	68,8	37.576	25.85	1009.78	366.98
Bangkok							
0	Jan	299.2	72.7	34.008	24.72	1012.68	365,50
1 S	Feb	300.8	76,4	37.358	28.54	1011.19	378.60
	Mar	302.2	76.6	40.521	31.04	1009.98	388.85
	Apr	303.2	76.6	42.919	32.88	1008.68	391.66
	May	302.7	80.2	41.705	33,45	1006.94	394.40
*	Jun	301.9		39,824	31.90.	1006.53	389.35
	Jul	301.5	81.1	381911	31,56	1006.66	388.68
	Aug	301.3	8ż.3	38,642	31,80	1006.69	390.33
•	Sep	301:0	84.5	37.796	31,94	1007.48	391,32
	Oct	300.8	84.0	37.358	31.38	1009.88	389,98
	Nov	300.1	79.9	35.859	28,65	1011.56	380.31
	Dec	298.9	74.9	33,410	25,02	1012.52	367,40
	Year	301.1	79.1	38.017	30.07	1009.23	383.90
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Station	Month	T °K	RH %	ės mb	eE mb	P mb	N
Sattahip							
	Jan	301.1	69.4	38.017	26.38	1012,98	369.68
	Feb	301.9	74.6	39.824	29.71	1011.98	381.79
	Mar	303.2	75.9	42.919	32.58	1011.05	391.03
	Apr	303.9	75,8	44.672	33,86	1009,80	394.70
	May	303.0	78.3	42.430	33.22	1008.11	393.24
	Jun	302.7	76.2	41.705	31.78	1007.83	387.82
· 	Jul.	302.2	77.6	40.521	31.44	1007,92	387,33
	Aug	302.2	77,6	40.521	31.44	1007.90	387.33
	Sep	301.7	80.3	39,365	31.61	1008.53	388,98
•	Oct	301.1	83.0	38,017	31.55	1010,40	390.31
	Nov	300.7	76.6	37.140	28.45	1011.69	378.52
	Dec	300.4	70.9	36.709	26,03	1012.78	369,28
	Year	302.0	76.4	40.055	30.60	1010.08	384,78
				2			
Chanthabur	i	i					
	Jan	298.8	72.7	33.212	24,15	1012.50	363.90
-	Feb	299,8	78.3	35.232	27.59	1011,44	376.36
	Mar	300,6	80.9	36,924	29.87	1010.58	384.27
• •	Apr	301.4	82.0	38,686	31.72	1009.21	390.17
* ** ** *	May	301.1	86.3	38,017	32.81	1007.74	394.79
	Jun	300.6	86.3	36.924	31.87	1007.52	391.74
•	Jul	300.3	87.3	36.282	31.67	1007.51	391,45
• • • • •	Aug	300.2	88.1	36.070	31,78	1007.54	392,06
	Sep	300.1	89.2	35.859	31.99	1008.08	393.24
·. ·	Oct	300,2	85.9	36,070	30.98	1009.85	389.37
	Nov	299.5	78.5	34.615	27.17	1011.16	375.06
	Dec	298.6	72.9	32.821	23.93	1012.05	363.17
	Year	300.1	82.5	35.859	29.58	1009.60	383.67
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Station.	Month	т °К	RH <sup>*</sup>	es mb	e: mb	P mb	N
Khlong Yai							
	Jan	298.8	70.1	33,212	23.28	1012.43	360.2
	Feb	299.7	75.2	35,025	26.34	1011.91	371.4
	Mar	300.6	77.2	36.924	-28.51	1011.00	378.7
	Apr	301.0	78.1	37.796	29.52	1009.69	381.9
	May	301.1	82.1	38,017	31.21	1008.17	388.33
	Jun	300.2	85.4	35.859	30.62	1008.20	387.4
	Ju1	299.9	85.9	35,440	30.44	1008.13	387.20
	Aug	299.9	87.1	35,440	30.87	1008.00	389.58
	Sep	299.6	87.0	34.820	30.29	1008.53	387.19
	Oct	299.8	83.9	35,232	29.56	1010.07	384.20
	Nov	299.7	75.9	35.025	26.58	1010.93	372,21
	Dec	299.2	69.7	34.008	23.70	1011.65	361.20
	Year	300.0	79.8	35.649	28,45	1009,89	379.21
Ko Sichang				onder verblicken de kalen offen mennen mennen mennen			
	Jan	299.3	63.9	34.209	21,86	1012,60	353,62
	Feb	300.6	70.0	36,924	25,85	1011.66	367.93
	Mar	301.8	71.0	39.594	28.11	1010.34	374.98
	Apr	303.1	69.4	42.674	29.62	1009.12	378.70
	May	302.5	73.9	41.228	30,47	1007.15	382.64
•	Jun	302.4	71.5	40.991	29.31	1007.00	378.04
	Jul	301.8	73.3	39.594	29.02	1006.81	377.81
	Aug	301.6	73.6	39.137	28,81	1006.86	377.28
	Sep	300.9	76.6	37.576	28.78	1007.46	378,48
	Oct	300.3	77.8	36.282	28.23	1009.83	377.90
	Nov	300.1	69.9.	35.859	25.07	1011.23	365.39
	Dec	299.4	64.4	34.411	22.16	1012.00	354.57
	Year	301.2	71.3	38.239	27.26	1009.34	372.20

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Station	Month	T	RH	e	e e	Р	N
		°K	%	. mł		mb	14
Hua Hin							
	Jan	297.8	72.3	31,295	22.63	1012.22	358.99
	Feb	299.1	76.3	33.807	25.80	1011.04	369.95
	Mar	300.6	75.1	36.924	27.73	1009.93	375.26
	Apr	301.8	73.5	39.594	29.10	1008.69	378,62
	May	302.1	76.8	40.287	30.94	1006,90	385.18
	Jun	301.9	74.6	398,24	29.71	1006.63	380,41
	Jul	301.4	76.2	38,686	29.47	1006.67	380,28
	Aug	301.4	76.8	38.686	29.71	1006.77	381,28
	Sep	300.8	80.0	372358	29,89	1007.51	383.21
1 .	Oct	299.9	83.8	35.440	29.70	1009.72	384.52
	Nov	299.2	78.7	34.008	26.76	1011.20	373,86
В. 1914 — 1	Dec	298.1	73.3	31,860	23,35	1012.27	361.60
	Year	300.3	76.5	36,282	27.76	1009.12	375.65
Prachuap Kh	iri Khan	n					
	Jan	297.6	76.7	30,923	23.72	1012.72	364.04
	Feb	298.9	79.6	33,410	26,59	1011.67	373,76
	Mar	300.2	78.4	36.070	28.28	1010.71	378.39
	Apr	301.7	76.6	39,365	30.15	1009.36	383.27
•	May	302.0	77.6	40.055	31.08	1007.64	386.12
	Jun	301.5	77.7	38,911	30.23	1007.58	383,48
	Ju1	301.2	77.6	38.239	29.74	1007.77	381.72
1	Aug	301.0	78.5	37.796	29.67	1007.76	382.04
×	Sep	301.0	78.7	37.796	29.75	1008.33	382.50
	Oct	299.9	82.9	35.440	29.38	1010.14	383.30
	Nov	299.1	79.0	33,807	26.71	1011.35	373.82
	Dec	298.0	75.1	31.671	23.79	1012.40	363,60
	Year	300.2	78,2	36.070	28.21	1009.79	377.85
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	Station	Month	T °K	RH %	es mb	e mb	P mb	N .
T	Chumphon	ar din fotogo yang yang metangan negari	and the second					
and the state of t		Jan	297.9	82.1	31.483	25.85	1012.40	372.43
		Feb	299.0	81.5	33,608	27,39	1011.56	376,89
	-	Mar	300.1	80,1	35.859	28,72	1010.73	380.40
	• •	Apr	301.3	79.1	38.462	30.42	1009.45	385,07
and the state of t		May	301,3	82,5	38.462	31.73	1008.12	390.11
		Jun	300.7	82,8	37.140	30,75	1008.29	387.15
		Jul	-300.3	83.7	36.282	30.37	1008.48	386.30
		Aug	300.3	83.7	36,282	30,37	1008,54	386.31
		Sep	300.2	84.2	36.070	30.37	1009.02	386.62
		Oct	299.8	86.3	35,232	30,41	1010.28	387 <b>.</b> 77
Contraction of the local diversion of the local diversion of the local diversion of the local diversion of the		Nov	298.9	85.8	33.410	28,67	1011.12	382,27
		Dec	297.8	82.8	31.295	25.91	1012.11	372.78
	•	Year	299,8	82,9	35,232	29.21	1010.01	282.72
	Surat Than	ni (Ban D	) )					
		Jan	298.6	·83.4	32.821	27.37	1011.96	377.57
		Feb	299.5	79.0	34.615	27,35	1011.15	375,78
		Mar	300.7	76.7	37.140	28.49	1010,41	376.26
	ar The Data	Apr	301.8	77.7	39.594	30.77	1009.33	385.60
	· · ·	May	301.7	82.4	39.365	32.44	1008.33	392.37
		Jun	301.2	82.3	38.239	31.47	1008.68	389.35
	•	Jul	300.8	82.9	37.358	30,97	1008.77	388.00
		Aug	300.7	83.2	37.140	30.90	1008,84	387.90
		Sep	300.6	84.8	36.924	31.31	1009.30	389.89
		Oct	299.9	87.6	35.440	31.06	1010.01	390,18
		Nov	299.1	88.2	33.807	29.82	1010.85	386.67
		Dec	298.6	86.1	32.821	28.26	1011.68	381.21
		Year	300.3	82.9	36.282	30.08	1009.94	385,47
		J	4					· · · · · · · · · · · · · · · · · · ·

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Station.	Month	т °К	RH %	les mb	e mb	P mb	N	
Nakhon Si	Thammara	t						
	Jan	298.9	82.9	33.410	27.70	1011.93	378,43	
	Feb	299.5	80.1	34.615	27.73	1011.26	377.39	
	Mar	300.5	77.6	36.709	28.49	1010.47	378.70	
	Apr	301,4	78.8	38.686	30.49	1009.14	385.08	
	May	301.7	79.3	39.365	31.22	1007.88	387.25	
	Jun	301.5	75.7	38.911	29,46	1008.10	380,41	
	Ju1	301.1	76.6	38.017	29.12	1008.17	379.72	
	Aug	301.0	77.0	37.796	29.10	1008.15	379.81	
	Sep	300,8	78,81	37.358	29.44	1008.66	381.65	-
	Oct	300.0	83.7	35.649	29.84	1009.74	384,93	
	Nov	299.1	85.8	33,807	29.01	1010,46	383.18	
,	Dec	298.8	84.6	33,212	28,10	1011.46	380.15	
	Year	300.4	80,1	36.495	29.23	1009.62	381,72	
Songkh1a	8							
	Jan	299.8	78.1	35.232	27.52	1011.76	376,15	
	Feb	300,1	77.2	35,859	27,68	1011.19	376.21	C.
	Mar	300,6	77.5	36,924	28,62	1010,44	379.05	
	Apr	301.4	78.1	38,686	30.21	1009.38	384.02	
	May	301,7	80.4	39.365	31.65	1008.45	389.17	
•	Jun	301.4	79.5	38,686	30.76	1008.76	386.09	
	Jul	301.1	79.6	38.017	30.26	1008.83	384.59	
	Aug	301.1	79.3	38.017	30.15	1008.93	384.14	
. <sup>6</sup>	Sep	300,9	80.5	37.576	30.25	1009.39	385.02	
	Oct	300.3	84.0	36,282	30,48	1010.14	387.17	
1	Nov	299.7	84.8	35.025	29.70	1010,48	385.07	
	Dec	299,6	82.1	34.820	28,59	1011.27	380.82	
	Year	300.6	80.1	36.924	29,58	1009.92	382.90	
· · · · · · · · · · · · · · · · · · ·						. 1		

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Station	Month	T °K	RH %	es mb	ē .mb	P mb	N .
Narathiwat	-						
	Jan	298.9	80.8	33.410	27.00	1012.10	375.54
	Feb	299.3	78.8	34.209	26.97	1011.66	374.62
	Mar	300.2	77.6	36.070	27,99	1010.78	377.21
	Apr	301.0	77.0	37.796	29,10	1009.62	380,19
•	May	301.2	78.4	38.239	29.98	1008,38	383,14
	Jun	300,8	78.4	37.358	29.29	1008,93	381.11
	Jul	300.4	78.8	36,495	28.76	1008.93	379.58
	Aug	300.4	79.2	36,495	28,90	1009.05	380.21
	Sep	300.4	79.6	36.495	29.05	1009.50	380,94
	Oct	299.8	82.7	35,232	29.14	1010.21	382.48
	Nov	299.2	85.2	34.008	28,98	1010.54	382.90
	Dec	298.8	84.5	33,212	28,06	1011.51	380.02
	Year	300.0	80.1	35.649	28,56	1010,10	379.70
Ranong							
	Jan	298.9	76.8	33,410	25.66	1011.45	369.79
	Feb	299.8	74.5	35,232	26.25	1010.80	370,64
	Mar	300,8	74.4	37.358	27.79	1010.22	375.26
	Apr	301,5	78.3	38,911	30.47	1009.25	384.86
	May	300,6	85.1	36,924	31.42	1008.43	390.19
	Jun	299.8	88.2	35,282	31,12	1008.84	390,36
	Ju1	299,6	87.9	34,820	30.61	1008.93	388,60
	Aug	299.4	88.5	34.411	30.45	1008.97	388.32
· · · · ·	Sep	299,2	89.5	34.008	30.44	1009.49	388.73
-	Oct	299.4	88.4	34.411	30.42	1010.22	388,50
	Nov	299.2	84,5	34.008	28.74	1010.60	381,93
	Dec	298,8	79.6	33.212	26.44	1011.30	373,18
		299,8		1	29.24		

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Station	Month	T K	RH %	es mb	e mb	P mb	N .
Phuket					بيتهيد سيمتح بالالم		
	Jan	300.4	72.4	36.495	26,42	1011.14	370.49
	Feb	301.0	70.6	37.796	26.68	1010.54	370.46
	Mar	301.6	71.6	39.137	28.02	1010.02	374.86
	Apr	301.8	75.0	39.594	29.70	1009.18	381,18
	May	301.1	81.4	38.017	30,95	1008.48	387.31
	Jun	300.8	80.2	37.358	29.96	1008.88	383.87
	Jul	300.4	80.7	36.495	29.45	1008,99	382.46
	Aug	300.5	80.5	36.709	29.55	1009.07	382.73
	Sep	300.1	82.8	35.859	29.69	1009.53	384.10
	Oct	300.1	83,1	35,859	29.80	1010.16	384.71
4	Nov	300.2	80.1	36.070	28.89	1010.33	380,78
	Dec	300.3	75.4	36.282	27.36	1010.80	374.43
÷	Year	300.7	77.8	37.140	28.89	1009.76	379.84
Trang	-						
	Jan	299.7	76.9	35,025	26,93	1010.86	372,92
e-	Feb	300.7	73.3	37.140	27.22	1010.20	373.08
	Mar	301.7	74.4	39.137	29.12	1009.69	379.11
	Apr	302.1	79.0	40.287	31,83	1008,82	389.30
	May	301.3	85.9	38,462	33.04	1008.11	395.48
	Jun	300.6	86.0	36.942	31.77	1008.68	391,63
	Ju1	300.2	86.4	36.070	31.17	1008.67	389,81
	Aug	300.2	86.9	36.070	31.35	1008.82	390.60
	Sep	300.0	87.5	35.649	31.19	1009.13	390.39
	Oct	300.0	88.6	35.649	31.59	1009.87	392.21
	Nov	299.7	85.9	35.025	30.09	1010.05	386.57
	Dec	299.5	82.4	34.615	28.52	1010.21	380.42
	Year	300.5	82.8	36.709	30.40	1009.43	386.31

# IV.2. Results for the earth effective radius coefficient

The calculatad values of the radio wave propagation constant are tabulated in Table no.7,8,9, and 10, according to the radiosonde data at Bangkok, Chiang Mai, Songkhla, and Ubon Ratchathani, respectively.

#### Table No.7

The results calculated from the radiosondes data during 1966-- 1970 at Bangkok weather station.

••*	Month	GPM M(MSE	P ) mb	T °C	Tđ °C			e mb	N N-Unit
	Jan	3	1012.69	21.60	20.46	94	25.792	24.245	371
		1513	850.00	16.08	10.98	67	18,290	12,254	283
		3141	700.00	8.44	-1.22	51	11.017	5.619	220
		5851	500,00	-6.02	-20,48	32	3.653	1.169	152
		9659	300.00	-32.22	-42.73	35	0.301	0.105	97
	Feb	3	1011.98	22.32	21.86	92	26,918	24.765	372
		1512	850,00	17.04	10.98	67	19.367	12.976	285
		3142	700.00	8,60	-0,48	43	11.168	4.802	216
~		5854	500,00	-5.92	-16.20	44	3.717	1.636	154
1		9668	300,00	-31.96	-39,80	45	0,308	0.139	98
	Mar	3	1010.06	24,96	23.56	93	31.671	29,454	385
	-	1504	850,00	19.20	12.08	62	22.240	13.789	286
	×	3143	7700000	28.74	-1.30	50	11.243	5.622	219
		5857	500,00	~5.70	-12.30	59	3.781	2,231	157
and then an	0	9670	300.00	-31.78	-44.70	27	0,315	0.085	97
	Apr	3	1009.20	25.44	24,06	92	32,434	29.839	387
	· · · ·	1506	850:00	19.48-	13:52	69	22.659	15,635	294
		3149	700.00	9.34	2.24	62	11.708	7.259	226
		5864	500.00	-5,38	-19.00	35	3,879	1.358	152
		9684	300,00	-31.35	-43,80	28	0.214	0.060	97
								1	7

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GPM M(MSL) 3 1482 3127 5843 9671 3	1007.38	18.80 9.52	15.00	% 95		e mb 31.180	N N-Unit 392
1482 3127 5843 9671	850.00 700.00 500.00	18.80 9.52	15.00		32.821	31,180	392
3127 5843 9671	700.00	9.52	15.00				
5843 9671	500,00	1	5.10		21.691	17.136	301
9671		-5.70		73	5 - SE		233
	. 300.00		-10,50	67	3.781	2,533	158
3		⊷30.42	-38.30	46	0.364	0.167	97
	1007.19	25.92	24.46	91	33.410	30,403	389
1487	850.00	18.92	14.32	74			297
3130	700.00	10.08	4.84	70			232
5856	500.00	-4.84	-9.92	67	-		159
9715	300.00	-29.58	-38.20	44			97
3	1007.13	25.70	23,84	90	33.016	29.714	386
1479	850.00	18,26	14.46	78	1		299
3122	700,00	9,66	5,60	76			235
5845	500.00	-5.18		1		1	160
9680	300.00	-29,84	-38.32	43	0.388	0.167	97
3	1006.91	25.44	24.05	93	32,434	30,164	388
1480	850.00	18.44	14.38	77		1	299
3122	700.00	9,56	5,40				234
5835	500.00	-5.08		1	ł	1 1	160
9678	300,00	-29.96	-36,90	51	0.380	0.194	97
3	1007.82	25,16	23.98	93	32,050	29 486	386
1485	850,00	17.98				1. E.	299
3126	700.00	9.32				1	233
5845	500.00	-5,40					159
9676	300,00	⊶30.24	-38.18	51	0,372	0.190	97
3	1010.37	24,88	23.70	93	31.483		386
1502	850,00	17.36		1			296
3145	700,00	9.52					
5859	500,00	-5.66		1			232
678	300.00			1		1.	156 97
	3130 5856 9715 3 1479 3122 5845 9680 3 1480 3122 5835 9678 3 1485 3126 5845 9676 3 1485 3126 5845 9676 3 1485 3126 5845 9676 3	3130700.005856500.009715300.0031007.131479850.003122700.005845500.009680300.0031006.911480850.003122700.005835500.009678300.0031007.821485850.003126700.005845500.009676300.0031010.371502850.003145700.005859500.00	3130 700.00 10.08   5856 500.00 -4.84   9715 300.00 -29.58   3 1007.13 25.70   1479 850.00 18.26   3122 700.00 9.66   5845 500.00 -5.18   9680 300.00 -29.84   3 1006.91 25.44   1480 850.00 18.44   3122 700.00 9.56   5835 500.00 -5.08   9678 300.00 -29.96   3 1007.82 25.16   1485 850.00 17.98   3126 700.00 9.32   5845 500.00 -5.40   9676 300.00 -30.24   3 1010.37 24.88   1502 850.00 17.36   3145 700.00 9.52   5859 500.00 -5.66	3130 $700.00$ $10.08$ $4.84$ $5856$ $500.00$ $-4.84$ $-9.92$ $9715$ $300.00$ $-29.58$ $-38.20$ $3$ $1007.13$ $25.70$ $23.84$ $1479$ $850.00$ $18.26$ $14.46$ $3122$ $700.00$ $9.66$ $5.60$ $5845$ $500.00$ $-5.18$ $-9.32$ $9680$ $300.00$ $-29.84$ $-38.32$ $3$ $1006.91$ $25.44$ $24.05$ $1480$ $850.00$ $18.44$ $14.38$ $3122$ $700.00$ $9.56$ $5.40$ $5835$ $500.00$ $-5.08$ $-9.30$ $9678$ $300.00$ $-29.96$ $-36.90$ $3$ $1007.82$ $25.16$ $23.98$ $1485$ $850.00$ $17.98$ $14.38$ $3126$ $700.00$ $9.32$ $4.96$ $5845$ $500.00$ $-5.40$ $-10.22$ $9676$ $300.00$ $-30.24$ $-38.18$ $3$ $1010.37$ $24.88$ $23.70$ $1502$ $850.00$ $17.36$ $13.56$ $3145$ $700.00$ $9.52$ $4.72$ $5859$ $500.00$ $-5.66$ $-12.96$	3130 $700.00$ $10.08$ $4.84$ $70$ $5856$ $500.00$ $-4.84$ $-9.92$ $67$ $9715$ $300.00$ $-29.58$ $-38.20$ $44$ $3$ $1007.13$ $25.70$ $23.84$ $90$ $1479$ $850.00$ $18.26$ $14.46$ $78$ $3122$ $700.00$ $9.66$ $5.60$ $76$ $5845$ $500.00$ $-5.18$ $-9.32$ $73$ $9680$ $300.00$ $-29.84$ $-38.32$ $43$ $3$ $1006.91$ $25.44$ $24.05$ $93$ $1480$ $850.00$ $18.44$ $14.38$ $77$ $3122$ $700.00$ $9.56$ $5.40$ $75$ $5835$ $500.00$ $-5.08$ $-9.30$ $72$ $9678$ $300.00$ $-29.96$ $-36.90$ $51$ $3$ $1007.82$ $25.16$ $23.98$ $93$ $1485$ $850.00$ $17.98$ $14.38$ $80$ $3126$ $700.00$ $9.32$ $4.96$ $74$ $5845$ $500.00$ $-5.40$ $-10.22$ $69$ $9676$ $300.00$ $-30.24$ $-38.18$ $51$ $3$ $1010.37$ $24.88$ $23.70$ $93$ $1502$ $850.00$ $17.36$ $13.56$ $78$ $3145$ $700.00$ $9.52$ $4.72$ $71$ $3859$ $500.00$ $-5.66$ $-12.96$ $57$	3130 $700.00$ $10.08$ $4.84$ $70$ $12.357$ $5856$ $500.00$ $-4.84$ $-9.92$ $67$ $4.084$ $9715$ $300.00$ $-29.58$ $-38.20$ $44$ $0.396$ $3$ $1007.13$ $25.70$ $23.84$ $90$ $33.016$ $1479$ $850.00$ $18.26$ $14.46$ $78$ $21.023$ $3122$ $700.00$ $9.66$ $-5.60$ $76$ $12.027$ $5845$ $500.00$ $-5.18$ $-9.32$ $73$ $3.913$ $9680$ $300.00$ $-29.84$ $-38.32$ $43$ $0.388$ $3$ $1006.91$ $25.44$ $24.05$ $93$ $32.434$ $1480$ $850.00$ $18.44$ $14.38$ $77$ $21.155$ $3122$ $700.00$ $9.56$ $5.40$ $75$ $11.947$ $5835$ $500.00$ $-5.08$ $-9.30$ $72$ $3.981$ $9678$ $300.00$ $-29.96$ $-36.90$ $51$ $0.380$ $3$ $1007.82$ $25.16$ $23.98$ $93$ $32.050$ $1485$ $850.00$ $17.98$ $14.38$ $80$ $20.630$ $3126$ $700.00$ $9.32$ $4.96$ $74$ $11.708$ $5845$ $500.00$ $-5.40$ $-10.22$ $69$ $3.879$ $9676$ $300.00$ $-30.24$ $-38.18$ $51$ $0.372$ $3$ $1010.37$ $24.88$ $23.70$ $93$ $31.483$ $1502$ $850.00$ $17.36$ $13.56$ $78$ $19.864$	3130700.0010.084.847012.3558.6495856500.00 $-4.84$ $-9.92$ 674.0842.7369715300.00 $-29.58$ $-38.20$ 440.3960.17431007.1325.7023.849033.01629.7141479850.0018.2614.467821.02316.3983122700.009.665.607612.0279.1415845500.00 $-5.18$ $-9.32$ 733.9132.8579680300.00 $-29.84$ $-38.32$ 430.3880.16731006.9125.4424.059332.43430.1641480850.0018.4414.387721.15516.5943122700.009.565.407511.9478.9605835500.00 $-5.08$ $-9.30$ 723.9812.8669678300.00 $-29.96$ $-36.90$ 510.3800.19431007.8225.1623.989332.05029.4861485850.0017.9814.388020.63016.5043126700.009.324.967411.7088.6645845500.00 $-5.40$ $-10.22$ 693.8792.6779676300.00 $-30.24$ $-38.18$ 510.3720.19031010.3724.8823.709331.48329.2791502

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Month	GPM M(MSL)	P mb	°C	Tđ °C	RH %	e's mb	e mb	N
Nov	3	1012.06	23.36	21.84	91	28,773	26.183	376
	1512	850,00	16.60	11.82	78	18.882	14.728	293
	3144	700.00	8.96	-2.72	45	11.474	5.163	217
	5860	500,00	⇒562	-16.08	46	3.813	1.754	154
	9682	300.00	-31.20	-42.30	29	0.342	0.099	. 97
Dec	3	1012.47	21,50	19,74	91	25.635	23,328	367
	1511	850,00	16.20	10,48	69	18.407	12.701	285
	3141	700.00	8.96	-0,45	52	11.474	5,967	221
	58544	500.00	-5.92	-21.07	31	3.717	1.152	151
	9669	300.00	-31.62	-40.70	40	0.321	0.128	97
Annua1	3	1009.65	24.33	23.02	93	30.373	28.247	383
	1498	850.00	17.86	13.00	74	20.501	15.171	294
	3135	700.00	9.22	2,22	61	11.630	7.093	226
1.1	5851	500.00	5.54	-13.94	52	3,846	2.009	156
	9078	300.00	-30,90	-40.09	40	0.346	0.138	97

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# Table No. 8

The results calculated from the radiosondes data during the period 1966-1970 at Chiang Mai weather station.

-						10 and 5		
Month	GPM M(MSL).	P mb	°C	Td C		es 7 mb	e b mb	N N-Unit
Jan	314	1015.36	14.56	13.30	92	16.610	15.281	243
	1509	850.00	14.68	8.82	68	16.718	11.368	281
	3126	700,00	7.10	-4.20	45	10.082	4.537	216
	5816	500.00	-7.96	-17.77	45	3,097	1.394	154
	9599	300.00	-33.34	-43,60	35	0,268	0.094	98
Feb	314	1013.93	14.30	12.22	87	16.291	14.173	338
-	1499	850.00	16.30	6.80	54	18.524	10,003	273
	3121	700.00	6.18	-6.80	39	9.477	3.696	212
	5811	500,00	-7.76	-22,60	29	3.152	0.914	151
	9614	300,00	-33.04	-42.00	40	0.277	0,111	98 -
Mar	314	1010,94	18.30	14.10	87	21.023	18.290	350
	1491	850,00	18.80	8.26	52	21,691	11.279	276
	3123	700.00	6.88	-2.78	51	91945	5.072	218
	5814	500.00	-7.72	-21.45	33	3.180	1,049	152
	9596	300.00	-33,20	-42.45	35	0.271	0,095	97
Apr	314	1009,92	22.30	18,54	80	26.918	21.534	358
	1494	850.00	19.38	12.56	66	22.518	14.862	291
	3136	-500.00	8,52	1.38	60	11.092	6.655	224
•	5838	5500.00	-6.92	-18.87	38	3.409	1.295	153
	9622	300.00	-32.64	-43.67	34	0,289	0.098	98
May	314	1007.14	23.98	21.76	88	29.831	26.251	374
	1473	850.00	18,84	15.40	81	21.691		303
	3116	700.00	9.56	5;22	75	11.947		234
	5836	500.00	-5.10	-12,12	58	3.981		157
	9671	300.00	-29.60	-38.67	41	0.396	0.162	97

	*			,				
Month	GPM M(MSL)	P mb	T *C	Tđ °C	RH %	es; mb	e) mb°	N N-Unit
Jun	314	1006.10	24.42	22,68	90	30,555	27,500	379
	1465	850.00	18.26	15.94	87	21.023	18,290	307
	31.09	700.00	9.96	6.64	80	12,272	9,818	238
	5834	500,00	-4.74	-8.62	79	4.119	3,254	162
	9680	300,00	-28,76	⇔37.36	44	0,430	0.189	97
Jul	314	1005.42	24.08	22,56	91	30,011	27.310	378
	1458	850,00	17.90	15.80	88	20.501.	19.041	306
	3099	700,00	9.80	7.20	84	12.108	10.171	240
	5826	500,00	-4.60	-10,46	44	4.154	1.828	154
	9674	300.00	-28.68	-35.58	52	0,435	0,226	97
Aug	314	1005.82	23,60	22.80	91	29.122	26,501	376
	1460	850,00	18.10	15.70	86	20.760	17.854	305
2. 	3103	700.00	9.80	7.20	84	12.108	10.171	240
	5829	500.00	-4.70	-8,90	72	4.119	2.966	160
	9675	300.00	-28.70	-37.10	45	0,435	0,196	97
Sep	314	1008.01	23.30	22.20	94	28,600	26.884	. 378
	1477	850.00	17.90	15.80	88	20.501	18,041	306
	3118	700.00	9.20	5.50	78	11.630	9,071	234
-	5838	500,00	-5.20	-12.10	58	3.947	2,289	157
-	9671	300.00	-29.70	-39.20	39	0.392	0,153	97
Oct	314	1012.12	21.94	20.90	94	26.269	24.693	372
	1506	850.00	16.82	14.22	85	19.123	16.255	300
	3137	700.00	8;10	3.26	71	10.795	7.665	230
	5848	500.00	-6.04	-15.48	48	3.685	1.769	155
	9664	300,00	-31.08	⊶42.08	33	0.339	0,112	97
Nov	314	1014.68	19.16	18112	92	22.240	20.460	359
	1518	850.00	15.50	12.48	82	17.600	14.432	293
	3142	700.00	7,28	⊷0.52	54	10.221	5,519	220
	5846	500.00	-6.42	-19.12	36	3.560	1.282	152
	9650	300.00	-32,06	-43.05	36	0,305	0.110	97
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		-						
Month	GPM M(MSL)	P mb	°C	Tđ °C	RH %	es mb	ë mb	N
Dec	314 °	1015.36	16.10	55 07				6 and 2 - 022877-8147-14
Dec		1013.30	16,40	15.36	93	18.643	17.338	350
	1512	850.00	14.34	11.30	82	16.291	13.359	290
	3133	700.00	7.58	-6.50	38	10.433	3,965	212
	5832	500.00	-7.26	-21.37	34	3.292	1.119	152
•12 ·	9630	300.00	-32.50	-45,70	26	0.292	0,076	97
Annua1	314	1010.40	20,53	18.71	90	24.107	21,696	361
	1489	850,00	17.24	12.76	74	19.739	14.607	292
	3129	700.00	8.33	1.30	62	10.943	6.785	225
	5830	500.00	-6.20	-15.38	44	3.622	1.594	154
- 2	9646	300.00	-31.11	-40.87	33	0,339	0,112	97

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### Table No. 9

The results calculated from the radiosondes data during the - . period 1966 - 1970 at Songkhla weather station.

	Month		Р	Т	Tđ	RH	es	e	N
-	*	M(MSL)	<sup>s</sup> mb	°C	°C	- %	mb	mb N	-Unit
	Jan	5	1011.10	24,82	22,46	89	31.295	27.853	381
		1500	850.00	15.70	12.86	83	17.827	14.796	295
		3131	700,00	8.18	-13.60	20	10.869	2.174	203
	1	5839	500,00	-6.38	-17.92	39	3.560	1.388	153
		9642	300.00	-32,64	-43.80	32	0.289	0.093	98
	Feb	5	1011.23	24.47	22.32	88	30,739	27.050	378
		1504	850.00	16.52	10.45	67	18.762	12.571	284
		3135	700.00	8.75	-4.50	42	11.320	4.754	215
		5846	500.00	-6.25	-17.83	40	3.591	1.436	153
Ъ.	7 S.	9655	300.00	-32,10	-44.13	30	0,305	0.092	9.7
	Mar	5	1009.77	24.58	22.58	88	30,923	27.212	378
		1495	850,00	17,60	11.20	66	20,117	13.277	286
	2	3132	700.00	9.45	-2.58	43	11.867	5.103	216
		5848	500,00	- 5,85	-18.18	37	3.717	1.375	152
		9672	300,00	-31,50	-44.05	28	0,325	0.091	97
	Apr	5	1009.47	25.00	23,56	92	31,671	29.137	385
	er .	1498	850,00	17.94	12.24	69	20.501	14.146	289
	•	3137	700,00	9.26	-0.14	52	11.708	6.088	221
		5854	500,00	-5.82	-17,42	40	' 3.748	1.499	153
		9672	300,00	~31.24	-42.18	33	0.355	0.117	97
	May	5	1008,33	24.88	23.75	94	31.483	29,594	387
	•	1492	850,00	18.72	14.40	76	21.556	16.383	298
		3135	700.00	9.78	4.58	71	12.108	8,597	232
		5856	500,00	-5.85	-12,88	56	3,879	2,172	156
		9685	300,00	-30,28	-39.18	42	0.368	0.155	97
	. Jun	5	1008.75	24.60	23.32	93	30,923	28.758	384
		1495	850.00	18.38	13.52	73	21,155	15.443	294
		3135	700.00	9.34	3.06	65	11.708	7.610	228
		5864	500,00	-5,88	-11.76	63	3.717	2.342	158
		9671	300.00	-31.20	-38,96	47	0.335	0.158	97

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GTM M(MSL)	P mb	T °C	Td °C	RH %	esî mb	e' mb	N N-Unit
5	1008.21	24.10	23.10	94	30,011	28,210	383
1493	850.00	17.95	12.55	74	20.630	15.266	294
3131	700,00	8.78	2.98	67	11.320	7.584	228
5851	500.00	-6.22	-12.30	62	3.622	2.246	157
9654	300.00	-31,60	-39.42	46	0.321	0.148	97
		-					
5	1008.80	24.17	23.00	94	30,191	28,380	383
1491	850.00	17.73	13.36	75	20.244	15.183	294
3128	700.00	8.60	3.40	70	11.168	7.818	230
5840	500.00	-5.96	-12.00	62	3.685	2,285	157
9659	300.00	-31.70	-40.10	39	0.318	0.124	97.
						ч 	
5	1008, 50	24.05	22,62	91	30.011	27.310	379
1493	850.00	17.52	12,85	74	19.990	14.793	293
3128	700.00	8.45	3.15	70	11.092	7.764	230
5834	500.00	-6,42	-12.40	64	3.560	2,278	158
9648	300.00	-32,00	-40.27	44	0,308	0.136	981:
5	1009.90	24.00	23.02	94	29.831	28.041	383
1498	850.00	17.12	13.74	80	19.490	15.592	297
3133	700,00	8.26	3.88	73	10.943	7.988	231
5843	500.00	-6.48	-12.04	64	3.529	2.259	158
9654	300.00	-31.76	-40.96	40	0.315	0,126	97
	M(NSL) 5 1493 3131 5851 9654 5 1491 3128 5840 9659 5 1493 3128 5834 9648 5 1493 3128 5834 9648 5 1493 3128 5834 9648	M(ESL) mb   5 1008.21   1493* 859.00   3131 700.00   5851 500.00   9654 300.00   5 1008.80   1491 850.00   3128 700.00   5840 500.00   9659 300.00   5 1008*.50   1493 850.00   3128 700.00   5834 500.00   9648 300.00   5 1009.90   1498 850.00   3133 700.00   5843 500.00	M(NSL)mb°C51008.2124.101493°859.0017.953131700.008.785851500.00-6.229654300.00-31.6051008.8024.171491850.0017.733128700.008.605840500.00-5.969659300.00-31.7051008°.5024.051493850.0017.523128700.008.455834500.00-6.429648300.00-32.0051009.9024.001498850.0017.123133700.008.265843500.00-6.48	M(MSL)   mb   C   C     5   1008.21   24.10   23.10     1493*   859.00   17.95   12.55     3131   700.00   8.78   2.98     5851   500.00   -6.22   -12.30     9654   300.00   -31.60   -39.42     5   1008.80   24.17   23.00     1491   850.00   17.73   13.36     3128   700.00   8.60   3.40     5840   500.00   -5.96   -12.00     9659   300.00   -31.70   -40.10     5   1008.50   24.05   22.62     1493   850.00   17.52   12.85     3128   700.00   8.45   3.15     5834   500.00   -6.42   -12.40     9648   300.00   -32.00   -40.27     5   1009.90   24.00   23.02     1498   850.00   17.12   13.74     3133   700.00	M(MSL) mb *C *C *C %   5 1008.21 24.10 23.10 94   1493* 859.00 17.95 12.55 74   3131 700.00 8.78 2.98 67   5851 500.00 -6.22 -12.30 62   9654 300.00 -31.60 -39.42 46   5 1008.80 24.17 23.00 94   1491 850.00 17.73 13.36 75   3128 700.00 8.60 3.40 70   5 1008*.50 24.05 22.62 91   1493 850.00 17.52 12.85 74   3128 700.00 8.45 3.15 70   5 1008*.50 24.05 22.62 91   1493 850.00 17.52 12.85 74   3128 700.00 8.45 3.15 70   5834 500.00 -6.42 -12.40 64   9648 300.00 -32.00 23.02	M(ESL) mb 'C 'C % mb   5 1008.21 24.10 23.10 94 30.011   1493' 859.00 17.95 12.55 74 20.630   3131 700.00 8.78 2.98 67 11.320   5851 500.00 -6.22 -12.30 62 3.622   9654 300.00 -31.60 -39.42 46 0.321   5 1008.80 24.17 23.00 94 30.191   1491 850.00 17.73 13.36 75 20.244   3128 700.00 8.60 3.40 70 11.168   540 500.00 -5.96 -12.00 62 3.685   9659 300.00 -31.70 -40.10 39 0.318   5 1008'.50 24.05 22.62 91 30.011   1493 850.00 17.52 12.85 74 19.990   3128 700.00 8.45 3.15 70 11.092   5834 500.00	M(ESL)   mb   'C   'C   %   mb   mb     5   1008.21   24.10   23.10   94   30.011   28.210     1493'   859.00   17.95   12.55   74   20.630   15.266     3131   700.00   8.78   2.98   67   11.320   7.584     5851   500.00   -6.22   -12.30   62   3.622   2.246     9654   300.00   -31.60   -39.42   46   0.321   0.148     5   1008.80   24.17   23.00   94   30.191   28.380     1491   850.00   17.73   13.36   75   20.244   15.183     3128   700.00   8.60   3.40   70   11.168   7.818     5   1008.50   24.05   22.62   91   30.011   27.310     1493   850.00   17.52   12.85   74   19.990   14.793     3128   700.00   8.45   3.15

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	and the second sec							
Month	GPM M(MSL)	P mb	°C	Td °C	RH %	es mb	ë mb N-1	N Unit
Nov	5	1010,24	24.77	23,20	92	31,295	28.791	385
	1504	850.00	16.73	13.67	82	19.002	15.582	297
	3136	700.00	.8,40	0.90	59	.11.017	6.500	224
	5848	500.00	-6.13	-14.97	51	3,653	1.863	155
	9662	300.00	-31.57	-41.60	37	0.321	0.119	97
Dec	5	1010.51	24.30	22.50	89	30.373	27.032	378
	1505	850.00	15.72	12.40	81	17.827	14.440	293
	3135	700.00	8,60	-0.52	57	11,168	6.366	223
,	5844	500.00	-6.22	-15.20	49	3,622	1,775	155
•	9657	300.00	-31.70	-41.53	36	0,318	0,115	98
* Annu	a1							
	5	1009.03	24,46	22.93	91	30.739	27.973	381
•	1497	850.00	17.30	12.77	75	19.739	14,804	293
	· · _	-	-	-	P9	800		-
	· • • • ·				-			
	9660	300	-31.61	-41.35	38	0.260	0.099	97

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# Table No. 10.

The results calculated from the radiosondes data during the period-1966 - 1970 at Ubon Ratchathani weather staion.

· · ·								
Month	SPM M(MSL)	P mb	T °C	Td C	RH %	es mb	e- mb 1	N  -Unit
Jan	*				1		1	1
	123	1014.54	19.10	15.70	87	22,101	19.228	354
	1514	850.00	15.70	10.30	70	17.827	12,479	284
	3141	700,00	7.10	-4.20	44	10,082	4.436	215
	5851	500.00	-6.20	-20,70	31	3.622	1.123	151
	9656	300.00	-32.50	-45.30	27	0,292	0.079	97
Feb	123	1013.68	20.30	16.50	79	23.811	18.811	350
	1513	850,00	16.98	11.12	69	19.367	13.363	287
	3141	700.00	7.76	-4.98	41	10.577	4.337	214
	5852	500.00	-5.74	-22.97	24	3.846	0.923	150
Mar	1123	1011.19	23.86	18.78	74	29.652	21.943	357
	1524	850.00	18,72	12.86	69	21.556	14.874	291
	3143	700,00	8.20	1.38	58	10.869	6.304	223
	5856	500.00	⊷5.76	-20.02	31 .	3,748	1.162	151
	9665	300.00	-32.14	-38.30	54	0,305	0.165	98
Apr	123	1010.86	24.84	20.36	76	31.109	23.643	363
	1505	850,00	19.00	13.40	70	21.964	15.375	293
	3146	700.00	8.64	1.32	61	11.168	6.813	225
	5859	500.00	-5.60	-22.45	25	3.846	0.962	150
	9675	300.00	-31.78	-39.48	46	0.315	0.145	97
May	123	1008.87	25.34	22,94	87	32.242	28.051	.380
	1488	850.00	19.28	14.88	76 <sup>.</sup>	22.379	17.008	300
· · · ] ·	3135	7700.00	10.06	3.76	65	12.355	8.308	229
	5866	500.00	-4.84	-12.30	56	4.084	2,287	156
	9699	300.00	-29.68	-33.78	67			

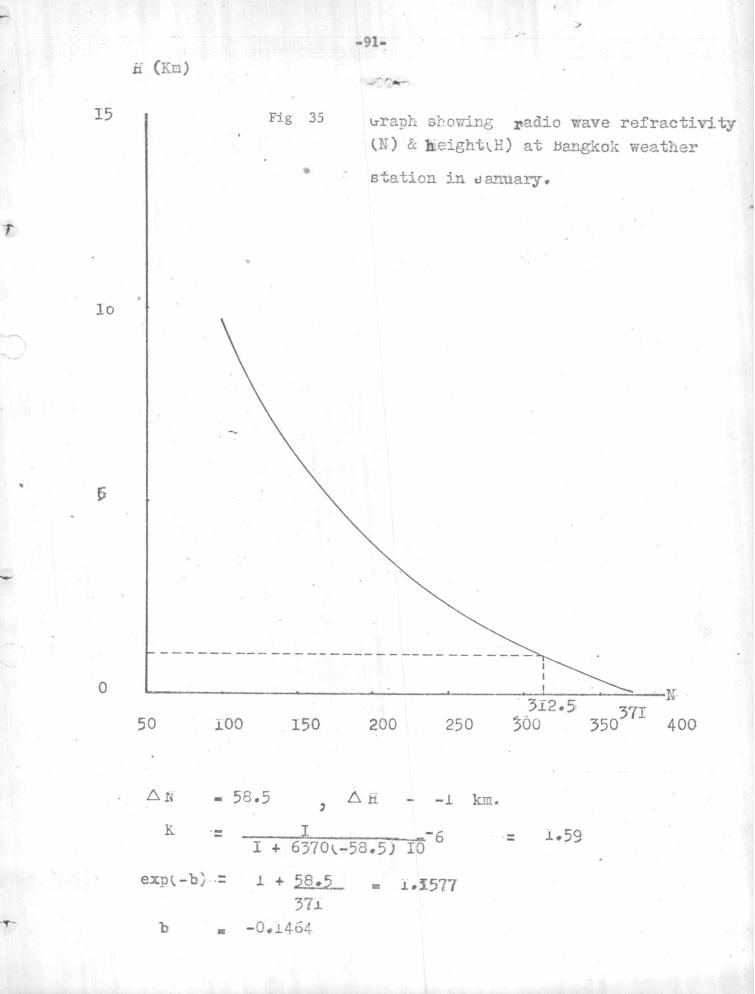
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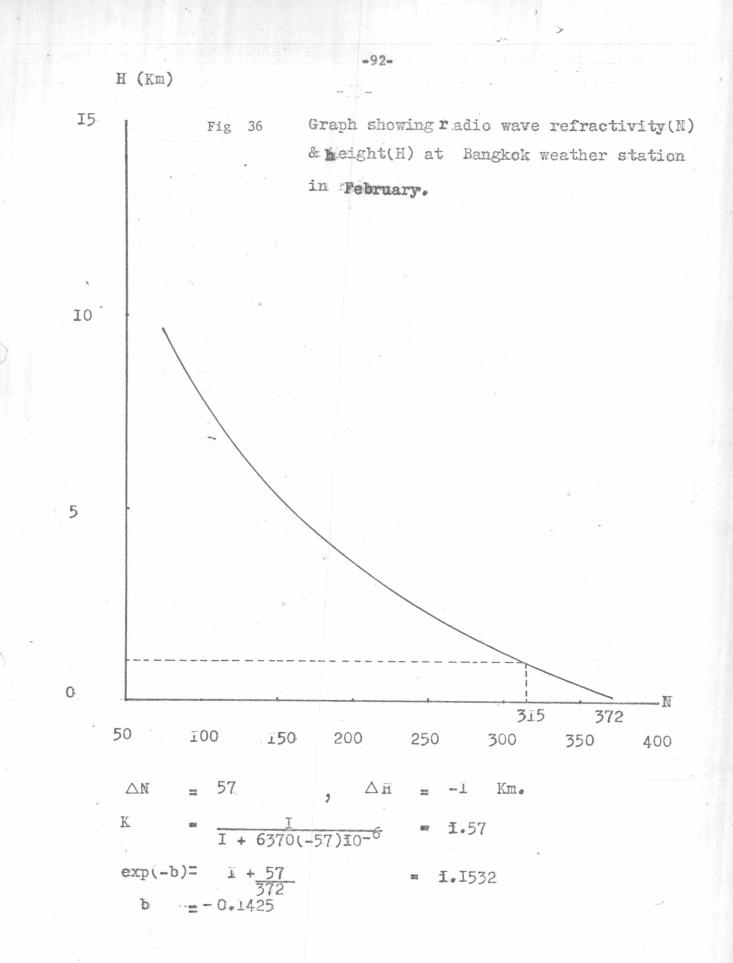
	-			•				
Mont	h GPM M(MSL)	P mb	°C	Td °C	RH %	es mb	e mb N-	N -Unit
Jun	1123	1007.67	25.24	22.86	-86	32,050	27,563	378
	1482	850.00	18.92	15.74	82	21.827	17.898	304
	31.28	700.00	10.02	5,26	72	8,903	6.410	226
	5856	500.00	-4.66	-12.08	56	4.119	2.307	157
	9696	300.00	-29.35	-40,85	32	0.404	0.129	96
Jul	123	1006.82	25.08	22.66	85	31.860	27.081	376
	1473	850.00	18.68	15.34	81	21.556	17.460	307
	3117	700.00	9.98	5.30	73	12.272	8,959	234
	5844	500,00	-4.94	-12.06	56	4.049	2,267	157
	9684	300.00	-29.66	-42.40	28	0.392	0.110	96
Aug	123	1007.03	24.94	23.12	91	31.483	28,650	383
	1472	850.00	18.34	15.12	82	21.023	17,389	302
	3116	700.00	9.58	5,68	76	11,947	9.080	235
•	5841	500.00	-4.98	-11,10	62	4.015	2.489	158
	9679	300.00	-29.78	-40.02	36	- 0.388	0.140	97
Sep	123	1008.13	24.50	22.80	90	30.739	27,665	380
	1480	850,00	18.00	14.92	82	20,630	16.917	301
	3121	700.00	9.40	4.16	70	11.787	8.251	231
	5844	500.00	-5.08	-12.70	55	3.748	2.061	156
	9680	300,00	-29.96	-41.60	31	0,380	0.118	97
Oct	123	1011.30	23,42	20,36	82	28.773	23,594	365
s i	1504	850,00	17.60	13.64	78	20.117	15.691	296
	3144	700.00	9.54	2.68.	62	11.867	7.358	227
	5864	500.00	-5.32	-17.52	37	3.913	1.448	153
	9690	300.00	-30.92	-44.27	26	0.346	0.090	97

Merthen Mysterie				1				
Month	GPM M(MSL)	P mb	°C	Td °C	RH %	es mb	nb 2	N
Nov	123	1006.74	21.14	17.90	82	25.014	20.512	354
	1514	850.00	16.98	10.88	67	19.367	12.976	285
	3148	700.00	. 9.54	-2,40	43	11,867	5.103	217
- 10 A	5864	500.00	-5.44	-20,80	28	3.879	1.086	151
				and the state of the second		a a construction of the second se		
Dec	1123	1014.21	19.20	16.20	83	22.240	18.459	350
	1512	850,00	15.56	10.78	73	17.713	12.931	287
	3141	700,00	9.14	-3.43	41	11.552	4.736	215
	5853	500,00	-5,92	-21.20	29	3.717	1.078	151
Annual								<u> </u>
	123	1010.04	23.08	20,02	83	28,256	23,433	365
	1498	850,00	17.81	13.25	75	20.372	15.279	294
	3135	700.00	9.41	1.21	56	11.787	6.601	223
	5854	500.00	-5.37	-17.16	39	3.879	1.513	153
~	9678	300.00	-30,94	-40.67	34	0.346	0.118	97

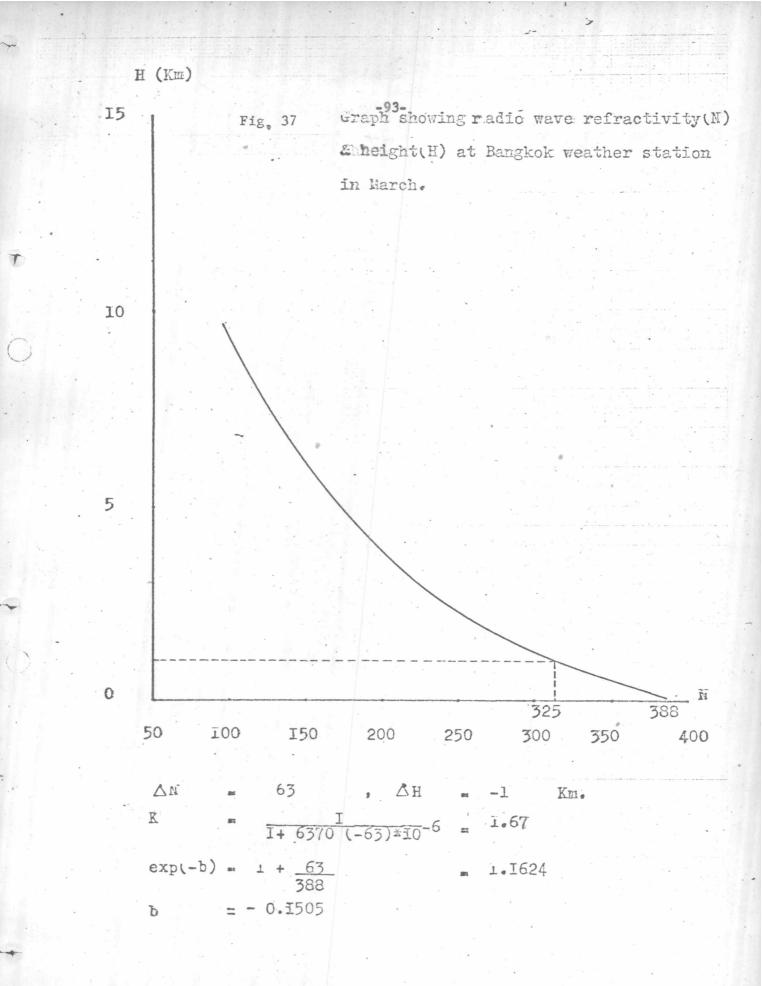
The values of the refractivity N, and the height H (in GMP) are plotted on graph papers with N as abscissa and H as ordinate and the values of K and b are calculated for each figure. Fig.35 to Fig.47 show the values from the Table No.7, in each month, Figs. 48 to 60 show the values from the Table No.8, Figs. 61 to 73 show the values from the Table No.9, and Figs. 74 to 86 show the values from the Table No.10, respectively.

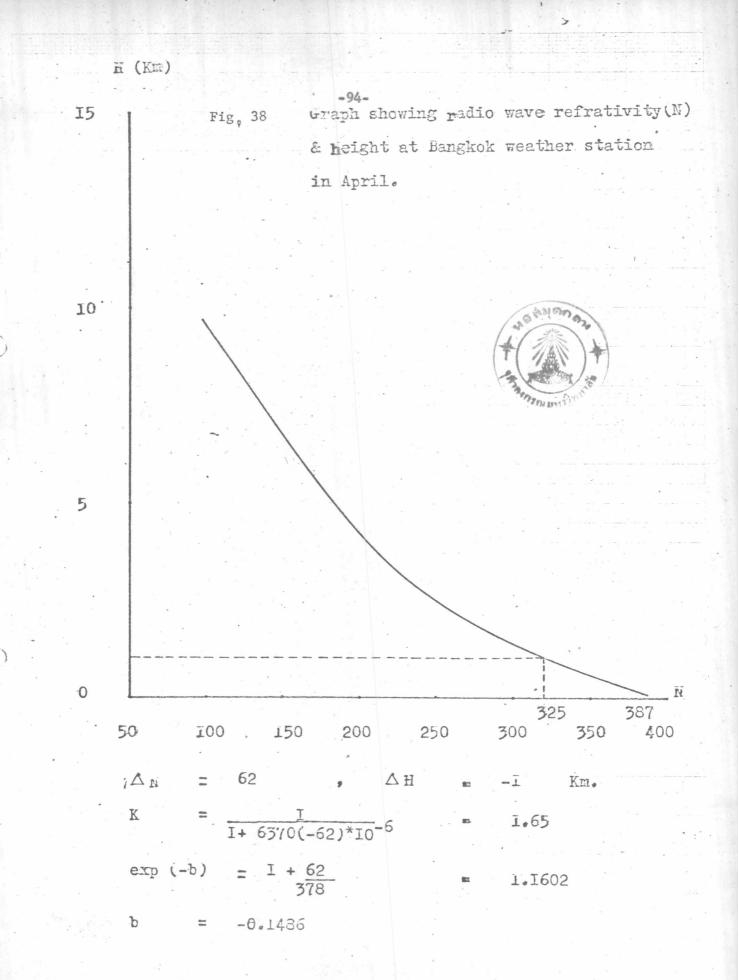
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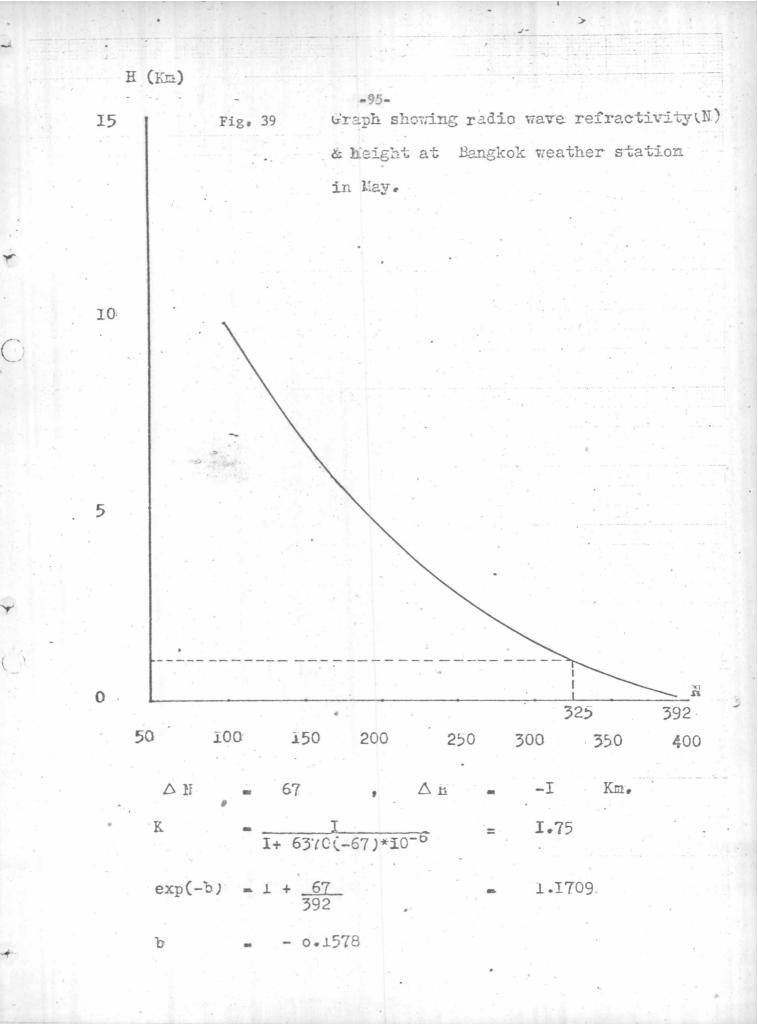


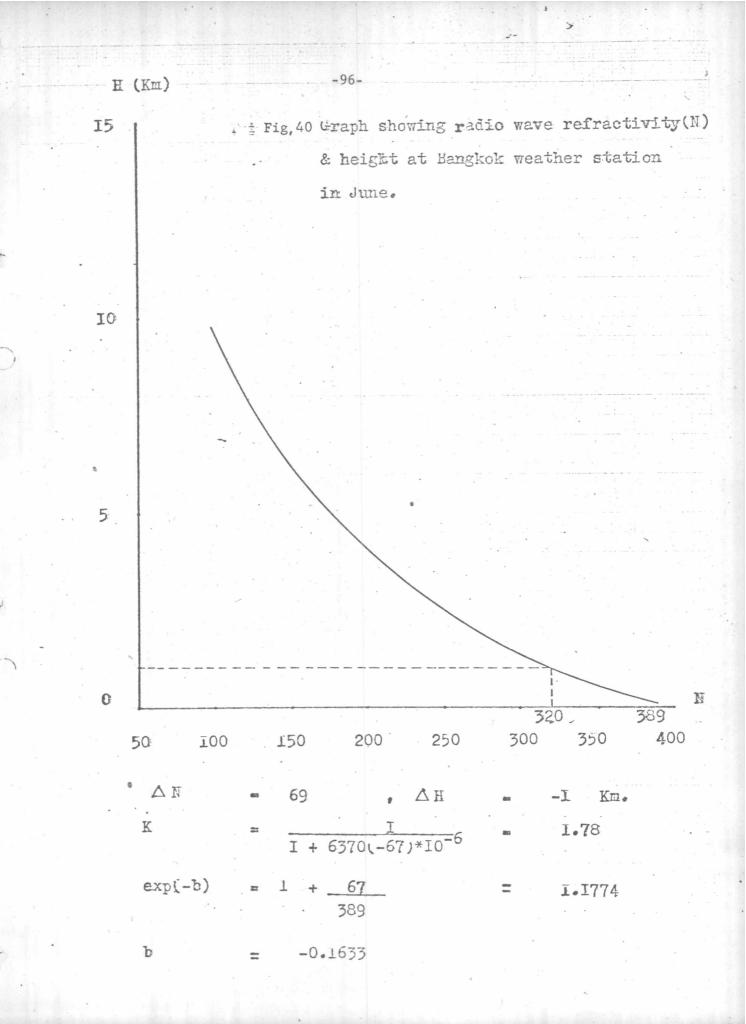
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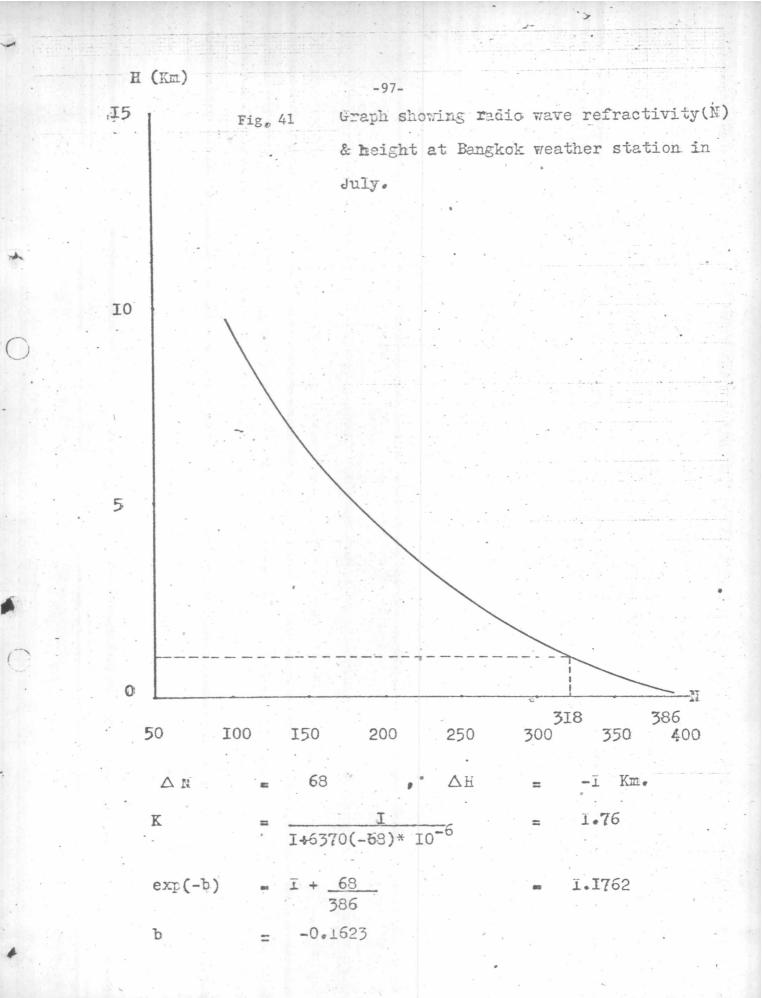


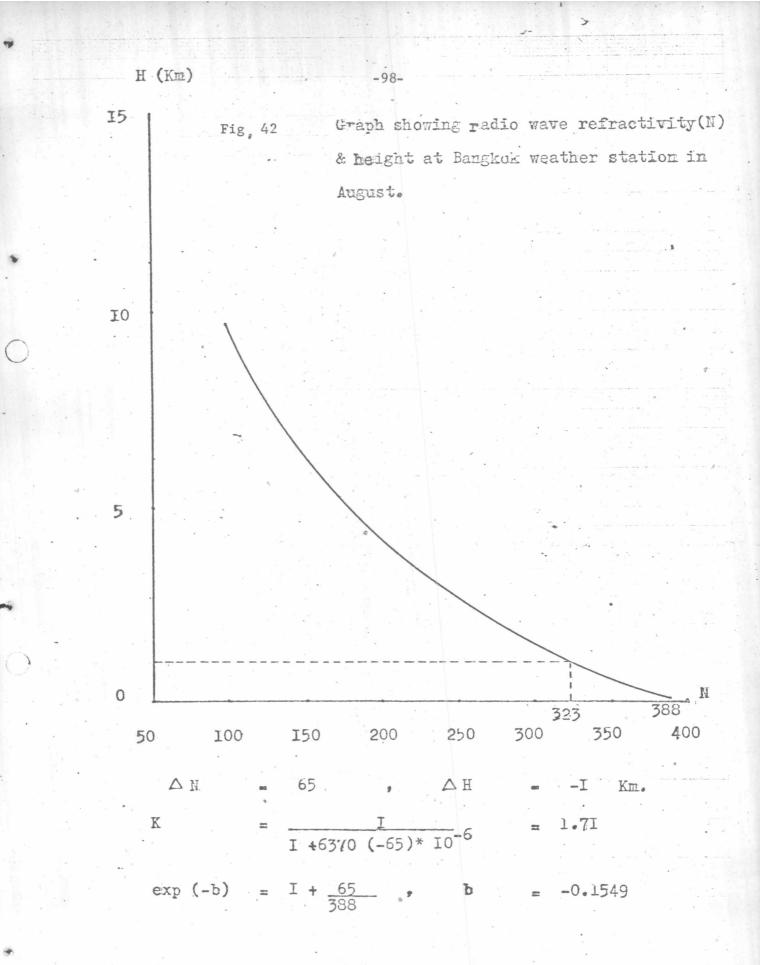


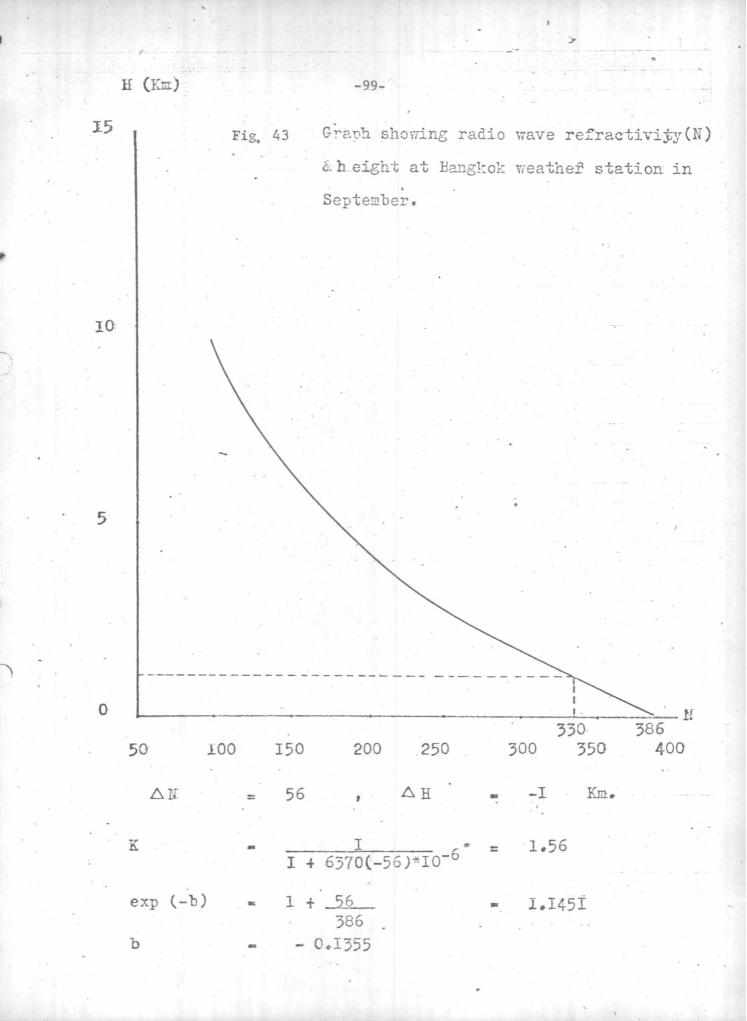
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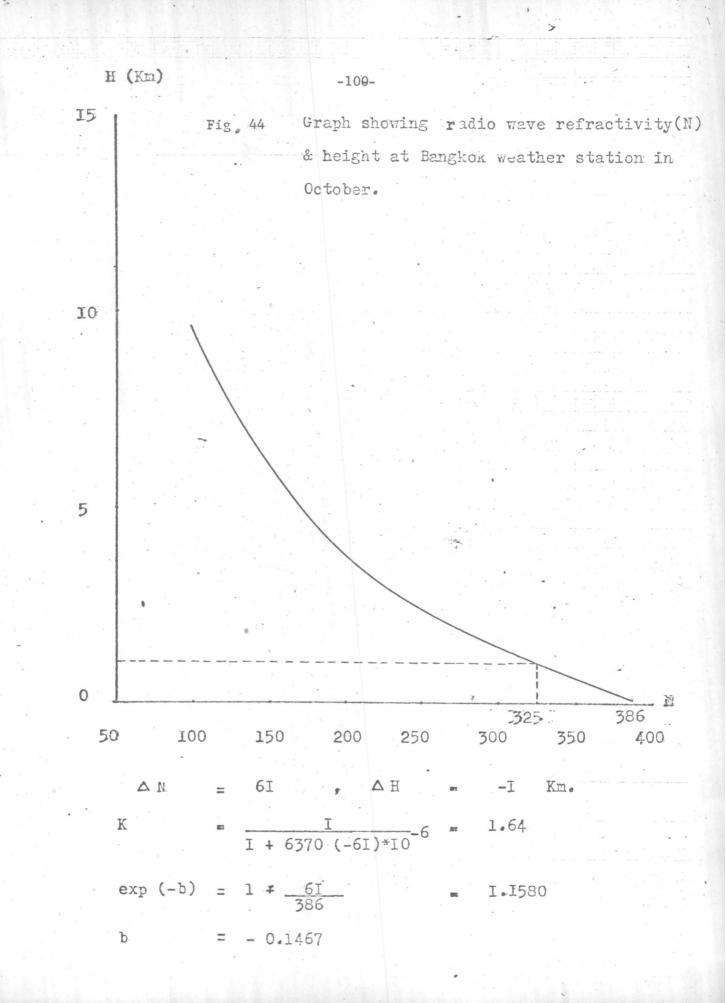


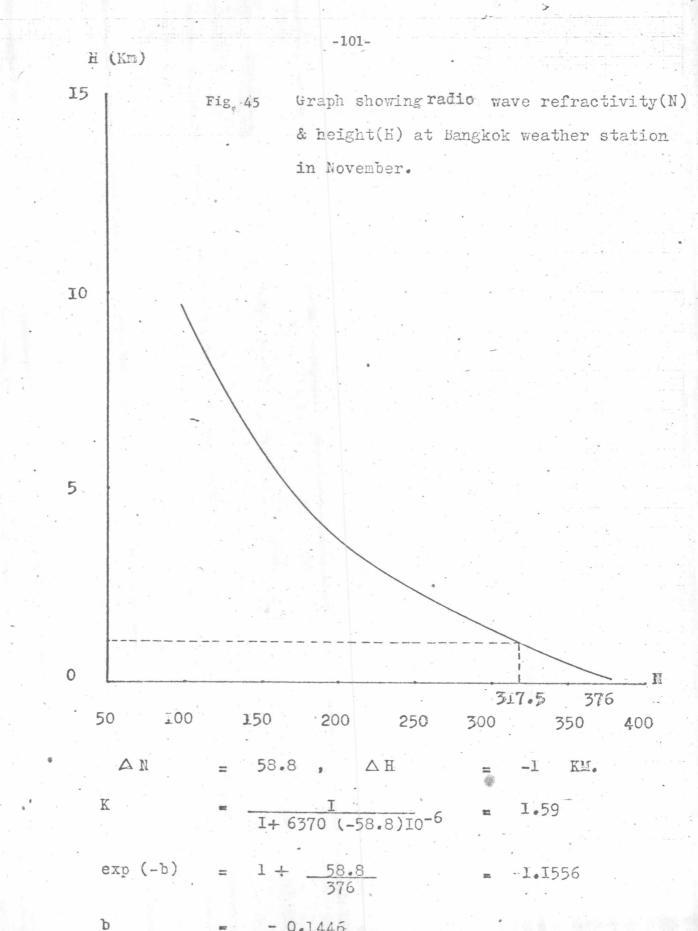




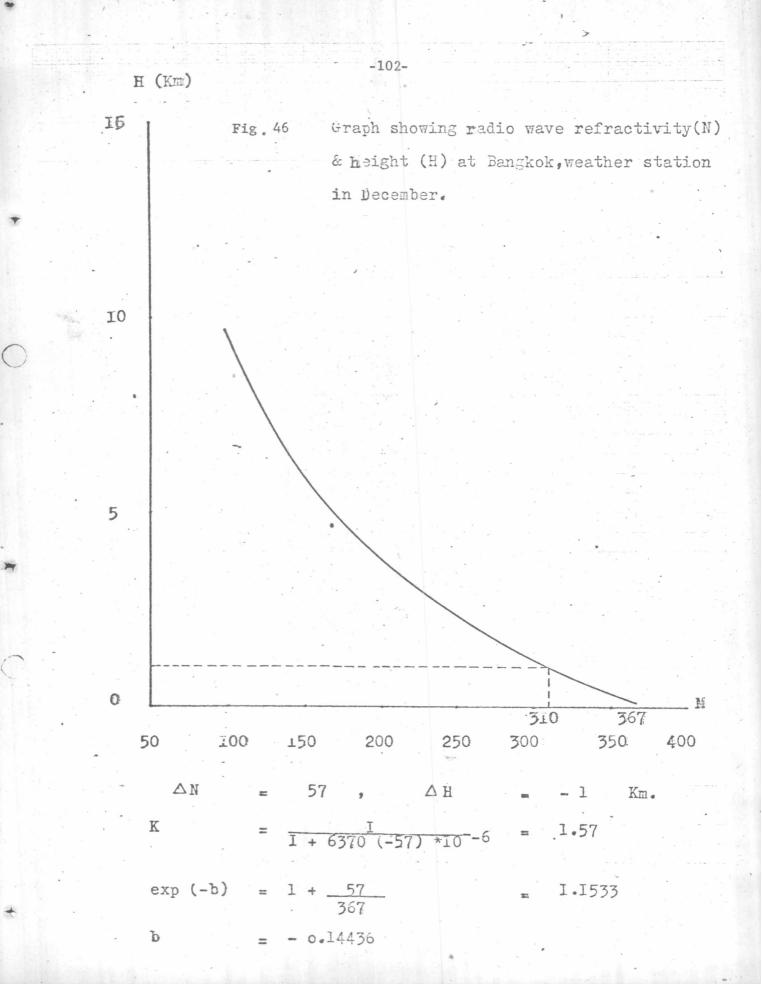


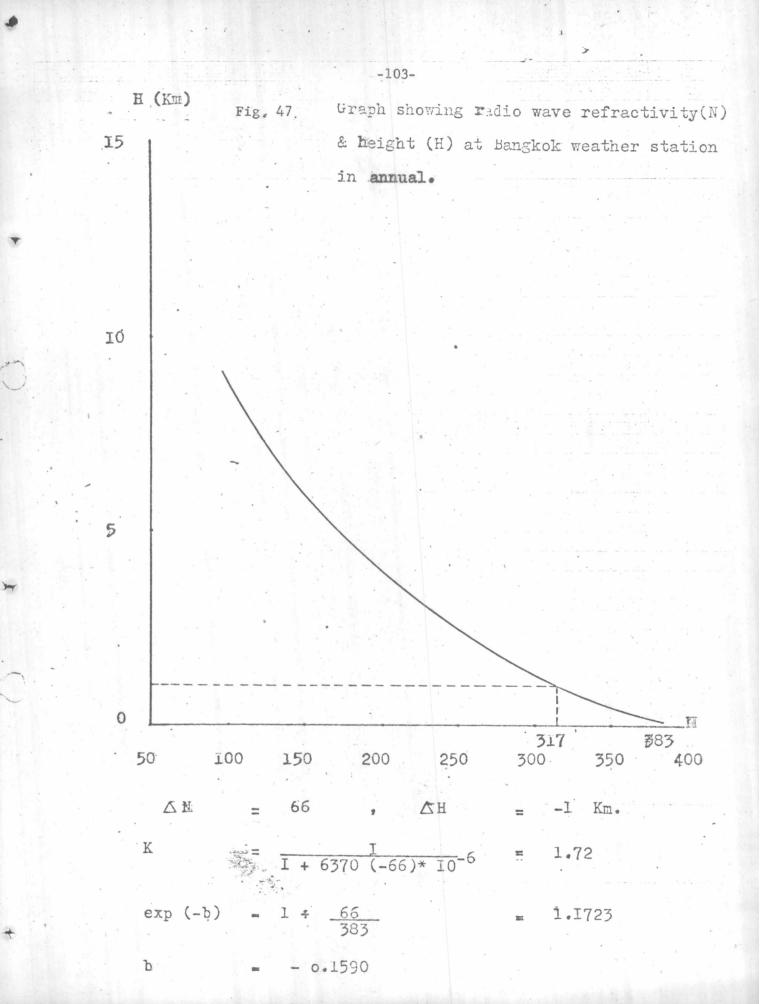


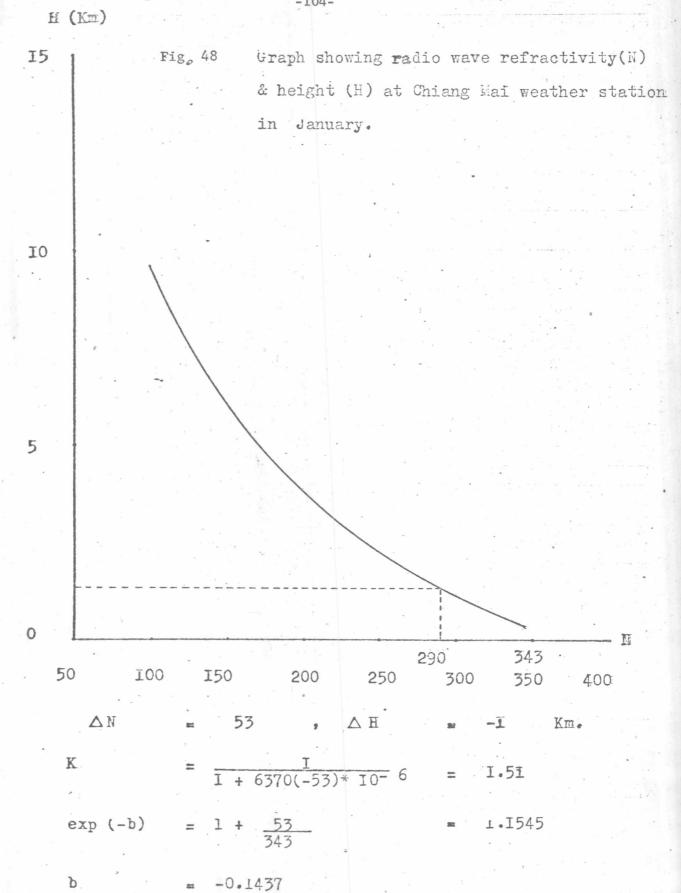




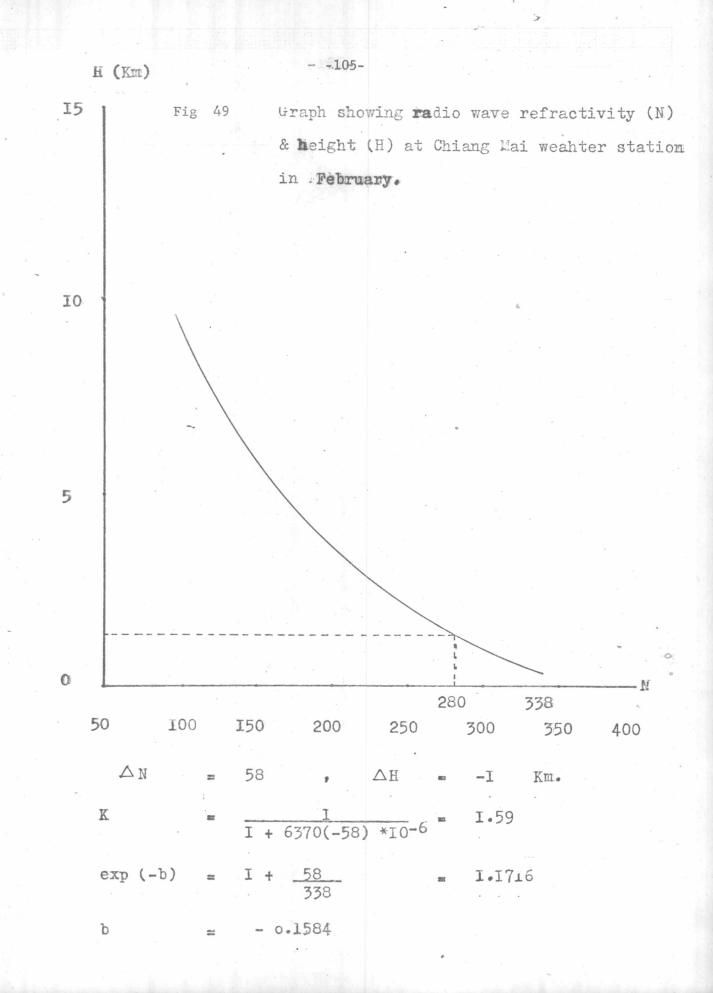
- 0.1446

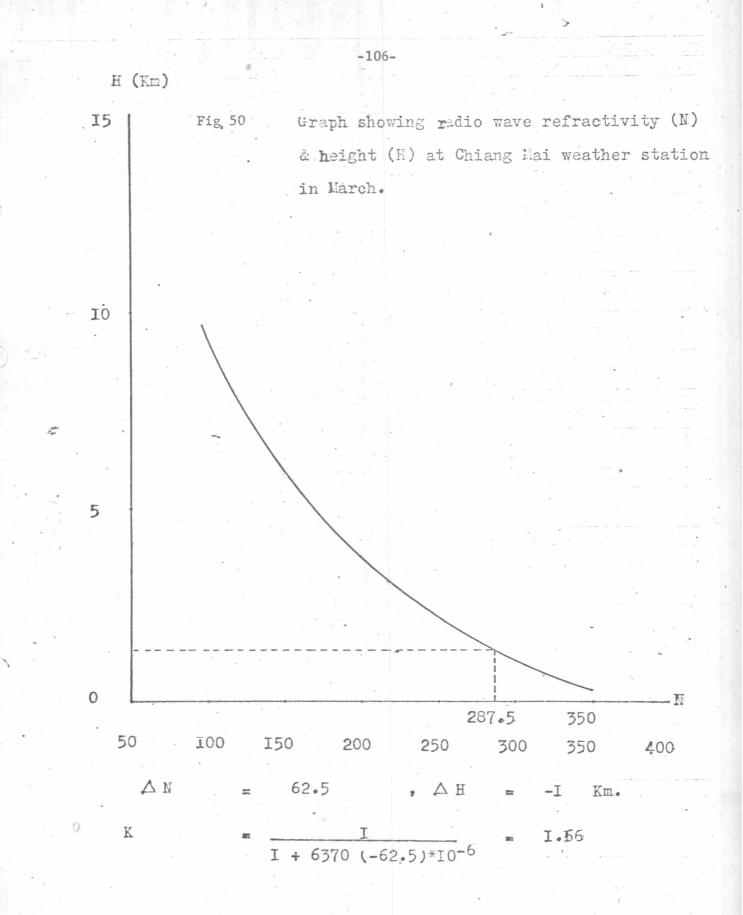






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exp(-b) = I + <u>62.5</u> = I.1786

