

AD 669601

Ionospheric Data Report - April 1966 to March 1967

VERTICAL-INCIDENCE IONOSPHERIC DATA: THAILAND

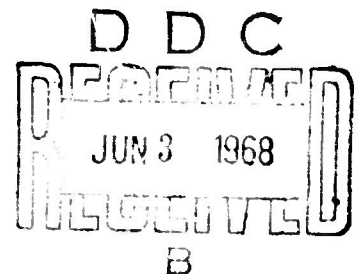
Compiled by: BERNADINE E. FRANK GEORGE H. HAGN

Prepared for:

U.S. ARMY ELECTRONICS COMMAND
FORT MONMOUTH, NEW JERSEY 07703

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December 1967

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ABSTRACT

Two Granger Model 911 ionospheric sounder systems were operated during 1966 and 1967 at six sites in Thailand ranging between about 7° and 19° North geographic latitude (geomagnetic field dip angles from 5° S to 20° N). This report presents the results from scaling the vertical-incidence ionograms obtained for foF2, h'F2, foF1, h'F1, foEs, h'Es, and percentage of occurrence of Es and spread F. A comparison is made between foF2 values scaled from the Bangkok C-2/3/4 sounder and the Granger sounder for two brief periods--6 April through 7 May 1966, and 1 June through 19 June 1967--when both equipments were operated at the same site.

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PREFACE

The work described in this report was performed with the support, and using the facilities, of the Military Research and Development Center (MRDC) in Bangkok, Thailand. The MRDC is a joint Thai-U.S. organization established to conduct research and development work in the tropical environment. The overall direction of the U.S. portion of the MRDC has been assigned to the Advanced Research Projects Agency (ARPA) of the U.S. Department of Defense that, in 1962, asked the U.S. Army Electronics Command (USAECOM) and the Stanford Research Institute (SRI) to establish an electronics laboratory in Thailand to facilitate the study of radio communications in the tropics and related topics. The MRDC-Electronics Laboratory (MRDC-EL) began operation in 1963 [under Contract DA 36-039 AMC-00040(E)], and since that time ARPA has actively monitored and directed the efforts of USAECOM and SRI. In Bangkok this function is carried out by the ARPA Research and Development Field Unit (RDFU-T). The cooperation of the Thai Ministry of Defense and the Thailand and CONUS representatives of the ARPA and USAECOM made possible the work presented in this report.

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I INTRODUCTION

The Stanford Research Institute (SRI) has been studying factors pertinent to radiowave propagation on short (0 to 50 km) skywave paths as part of the Advanced Research Projects Agency's SEACORE^{*} program.^{1-3†} Part of this study has involved the operation of two Granger Associates Model 911 ionospheric sounders at various sites in Thailand (see Fig. 1 and Table I). This report summarizes the vertical-incidence data obtained by these equipments during 1966 and 1967 (see Table I. for the site operating schedule--months during which some data were obtained).

Technical information on the sounder systems as they were employed for sounding at vertical incidence is presented in Table III. The units are operated in the step-frequency mode, with 100-kHz steps in the 4- to 8-MHz band, 200-kHz steps in the 8- to 16-MHz band, and 400-kHz steps in the 16- to 32-MHz band. Figure 2 shows the log-periodic antenna (LPA) used for sounding. The data were recorded every half hour on a Granger 9190 electrostatic display. A copy of an example ionogram is given in Fig. 3. The equipment also had the capability to record signal-amplitude (ampligram) data; however, such data were only recorded occasionally and are not covered in this bulletin.

The data are arranged by site and chronologically by calendar month for a given site. Monthly median values are summarized after the hourly values^{**} for each month, and plots of the most significant parameters are presented.

^{*} An acronym for Southeast Asia Communications Research

[†] References are given at the end of this report.

^{**} Only hourly values were scaled, except for the Bangkok and Chantaburi sites.

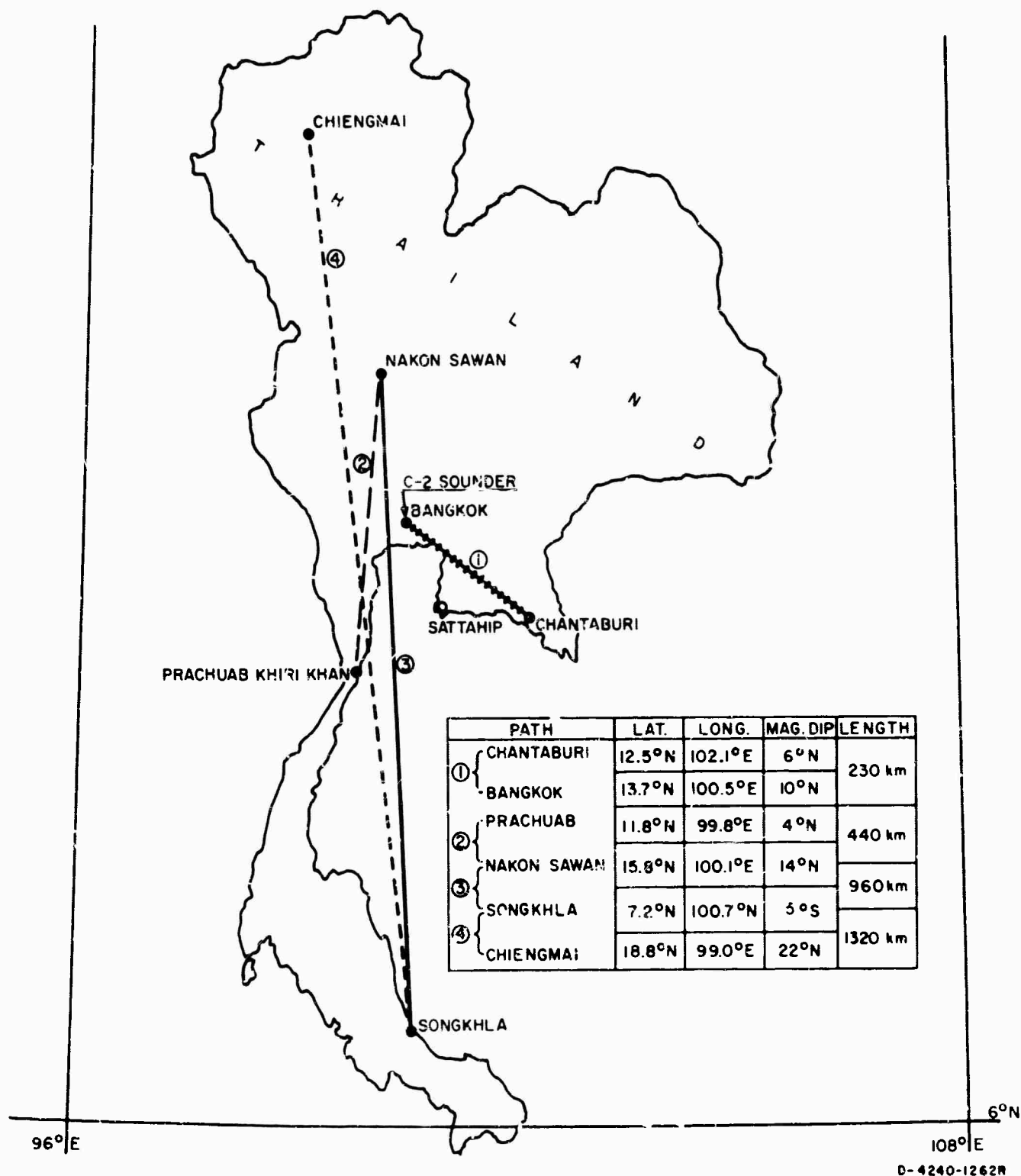


FIG.1 MAP OF SOUNDER SITES IN THAILAND

Table I

SOUNDER SITE COORDINATES

Site Name	Geographic		Geomagnetic	
	Latitude	Longitude	Inclination	Declination
Chiengmai	18° 50' N	98° 58' E	N 21° 59.9'	W 0° 33.7'
Nakon Sawan *	15° 36' N	100° 08' E	---	---
Bangkok	13° 45' N	100° 36' E	N 10° 27'	W 0° 10'
Chantaburi	12° 37' N	102° 07' E	---	---
Prachuab *	11° 45' N	99° 46' E	---	---
Songkhla	7° 06' N	100° 38' E	S 5° 01.9'	E 0° 12.9'

* The computer printouts list these sites as Nakon Sawon and Prachaub.

Table II

SOUNDER SITE OPERATING SCHEDULE

Date Site	1966 & 1967												
	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar
Bangkok		x	x										
Chantaburi		x	x										
Prachuab				x	x	x							
Nakon Sawan				x	x	x	x	x	x				
Songkhla							x	x	x	x	x	x	
Chiengmai									x	x	x	x	

Table III
EQUIPMENT DATA

Antenna	Peak Power (kW)	Pulse Duration (μ s)	Pulse Rep. Frequency (pps)	Pulses per Channel	Frequency Range (MHz)	Scan Duration (ms)	Virtual Height Range (km)	Receiver* Sensitivity (μ V)
LPA Curtain	30	100	50	4	4-32	8	1200	10

* A 10- μ V signal at the receiver input causes complete blanking and a 3- μ V signal begins to cause blanking. Therefore, the dynamic range of the display is about 10 dB.



FIG. 2 LOG-PERIODIC SOUNDER ANTENNA

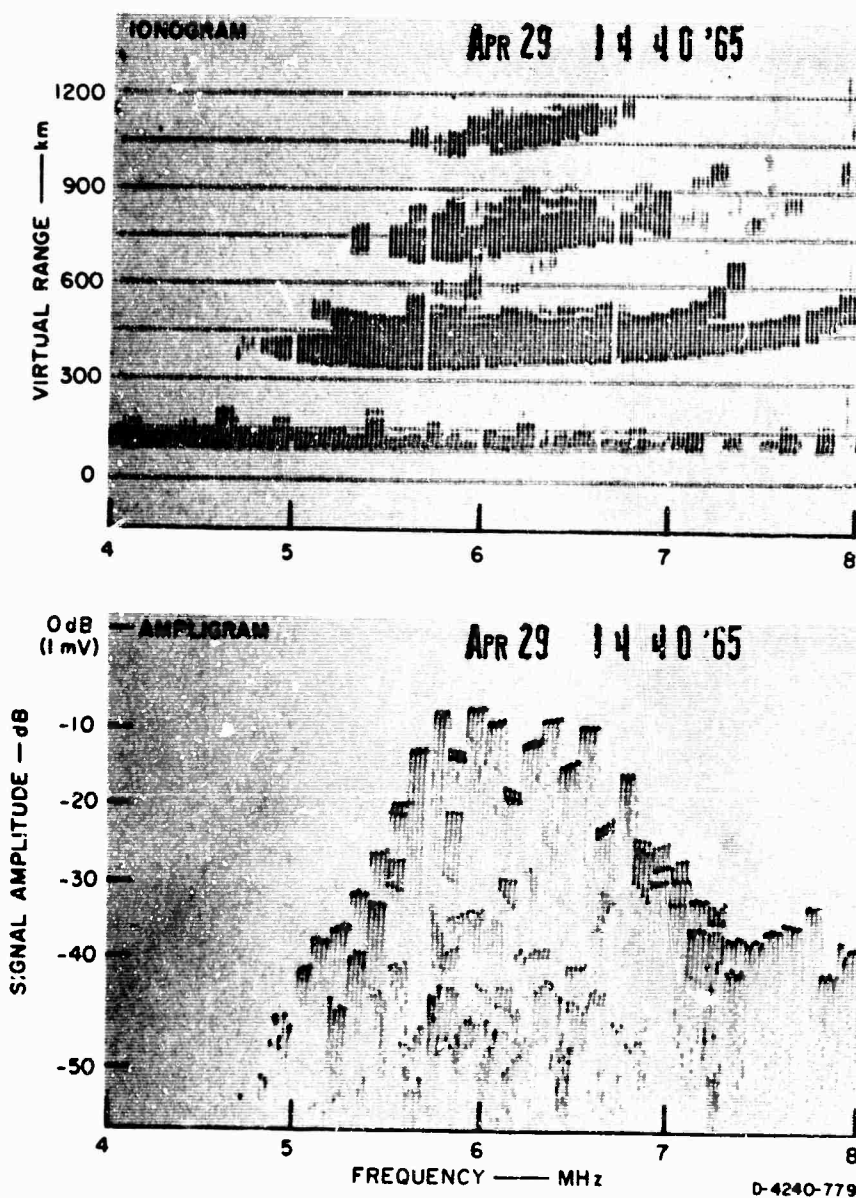


FIG. 3 EXAMPLE 9190 ELECTROSTATIC PRINTER RECORDS

II TERMINOLOGY, SYMBOLS, AND FORMAT

The terminology and symbols used in this data report are in accordance with the conventions established by the World Wide Soundings Committee (WWSC).⁹ A computer printout is used to present the tabulated and plotted data. The computer symbols were not always identical to those established by the WWSC. The computer symbol actually used is presented in parenthesis after the established symbol in the listing below.

A. Terminology

- | | | |
|---------------|---|---|
| foF2 (FOF2) | } | The ordinary wave critical frequency for the F2 and F1 layers, respectively. |
| foF1 (FOF1) | | |
| foEs (FOES) | | The ordinary wave top frequency corresponding to the highest frequency at which a mainly continuous Es trace is observed. |
| h'F2 (H FOF2) | | The minimum virtual height of the ordinary wave trace for the highest stable stratification in the F region. |
| h'F1 (H FOF1) | | The minimum virtual height of the ordinary wave trace for the F1 layer. Note that this is not necessarily identical with the more common parameter h'F, which is the virtual height parameter for the lowest F-region stratification (i.e., H FOF1 is not defined for local nighttime). |
| h'Es (H ES) | | The minimum virtual height of observed echo from sporadic E. |

B. Descriptive Letters

Certain effects observed on ionograms may make it difficult or impossible to obtain accurate numerical values. The descriptive letters listed below, when used alone indicate, in general, the

presence of a phenomenon that may have influenced the measurements.
Qualifying letters (Sec. C) indicate the nature of the uncertainty.

- A A lower thin layer present, e.g., Es
- B Absorption in the vicinity of $f_{\min}$
- C No trace, for any non-ionospheric reason
- C* No trace
- F Spread echoes present
- FR F-layer critical extrapolated when spread echoes present
- H Stratification present
- L No sufficiently definite cusp between layers of the trace
- M Ordinary and extraordinary components indistinguishable
- N Conditions such that the measurement cannot be interpreted
- O Measurement referring to the ordinary component
- R Attenuation in the vicinity of a critical frequency--recorded value obtained by extrapolation
- S Interference or atmospherics
- V Forked trace
- W Echo lying outside the height range recorded
- X Measurement referring to the extraordinary component
- Y Intermittent trace
- Z Third magneto-ionic component present.

C. Qualifying Letters

- D Greater than . . .
- E Less than . . .
- I An interpolated value
- J Ordinary component characteristic deduced from the extraordinary component
- O Extraordinary component characteristic deduced from the ordinary component
- T Value determined by a sequence of observations, the actual observation being inconsistent or doubtful
- U Uncertain numerical value
- Z Measurement deduced from the third magneto-ionic component.

D. Description of Standard Types of Es

The eight standard types of Es are identified by lower-case letters: f, l, c, h, q, r, a, and s. These letters suggest the corresponding names, flat, low, cusp, high, equatorial, retardation, auroral, and slant, respectively, but are not restrictive. The letter n is used to designate an Es trace that does not correspond to one of the eight types. The classifications are:

- f(F) An Es trace showing no appreciable increase of height with frequency, usually relatively solid at most latitudes.
(This classification may be used only at night; it appears that flat Es traces observed in the daytime are classified according to their virtual height: n or l.)
- l(L) A flat Es trace at or below the normal E-region minimum virtual height in the day or below the E-region minimum virtual height at night.
- c An Es trace showing a relatively symmetrical cusp at or below foE. (This is usually continuous with the normal E trace, although when the deviative absorption is large, part or all of the cusp may be missing--usually a daytime type.)
- h An Es trace showing a discontinuity in height with the normal E-region trace at or above foE and an asymmetrical cusp. (The low-frequency end of the Es trace lies clearly above the high-frequency end of the normal E trace--usually a daytime type.)
- q(Q) An Es trace that is diffuse and nonblanketing over a wide frequency range, the spread being most pronounced at the upper edge of the trace. (This type is common in daytime in the vicinity of the magnetic equator.)
- r An Es trace that is nonblanketing over part or all of its frequency range, showing an increase in virtual height at the high-frequency end similar to group retardation. (This

is distinguished from the usual group retardation--as in the case of an occulting thick E region--by the lack of group retardation in the F traces at corresponding frequencies and the lack of complete blanketing.)

- a An Es pattern having a well-defined flat or gradually rising lower edge with stratified and diffuse (spread) traces present above it. (These sometimes extend over several hundred kilometers of virtual height.)
- s A diffuse Es trace that rises steadily with frequency, usually emerging from another type of Es trace. (The rising trace alone is classified as s; the horizontal trace is classified separately. At high latitudes, the slant trace usually starts to rise from a horizontal Es trace, such as l or f, at frequencies that greatly exceed the E-region critical frequency, e.g., about 6 MHz; whereas at low latitudes it usually rises from equatorial-type Es, q, c, or h, at frequencies near the regular E critical frequency. Type s is never used to determine foE unless echoes clearly identifiable as Es echoes are seen.)
- n An E trace that cannot be classified as one of the standard types. (This must not be used for intermediate cases between any two classes. A choice should always be made whenever possible, even if it is doubtful.)

Only types f, l, and q were distinguished during the scaling.

E. Format

Hourly values* of each parameter scaled (FOF2, H FOF2, FOF1, H FOF1, FOES, and H ES) are presented for each site by the calendar month. At the bottom of each data table the median (MEDIAN) value, standard deviation (S.D. MED)--square root of second moment--about the median value, lower and upper quartiles (L QUART and U QUART) and quartile range (RANGE) are presented. On the bottom of the pages

* Half-hourly values are presented for Bangkok and Chantaburi.

containing data on foF2, the number of blank frames (BLANK) when it was highly probable that foF2 was less than 4 MHz are given, along with the observed percentage of Es (ES) and spread F (SPRD F). These percentages are given times ten to the minus two (e.g. 100% = 1.00). The BLANK category was employed only between the hours of 0000 and 0800 local time when the foF2 dropped below the 4-MHz lower limit of the sounders part of the time. Thus, it was possible to calculate medians and quartiles for times closer to the pre-dawn minimum of foF2 more reliably using the information that a few of the values were below 4 MHz for ionospheric reasons. Plots of the monthly median values of the most significant parameters (foF2, foF1, foEs, h'F2, h'F1, h'Es) and the percentage of occurrence of Es and spread F are presented at the end of the tabulated data for each month. For months when data were obtained on only a few days, the plots have been deleted since the data do not produce reliable estimators of the actual monthly medians. These plots have a local time scale from 0 to 25 hours local time; the plot program made it difficult to end at 24 hours, but the data begin at 0 hours at the left margin and end at 23 hours on the right.

III ACCURACY OF DATA

The accuracy of the data is difficult to estimate but the following comments and observations are germane:

- (1) The raw data did not always exhibit well-defined cusps at layer critical frequencies. Consequently the highest frequency observed was extrapolated by following the curvature of the trace, and some uncertainty arises from this source.
- (2) The data are somewhat less accurate near the 4-MHz lower-frequency limit of the sounder, as it was not always possible to deduce the cause of a blank frame when one occurred.
- (3) Scaling accuracy was about ± 10 km for virtual range and about ± 0.2 MHz for layer critical frequencies in the 4- to 8-MHz band, ± 0.4 MHz in the 8- to 16-MHz band, etc.* The differences obtained when various data-reduction personnel scaled some of the same data tend to substantiate these estimates.
- (4) There were two periods when a Granger sounder was operated at Bangkok, the permanent location of the MRDC-EL C-2 vertical-incidence sounder. The foF2 data obtained by the two different sounder systems, and processed by the two different data reduction systems, are presented in the mass plots of Fig. 4. Identical readings by both systems would fall on a line inclined at 45° . In general, the agreement is

*The sounder operates in the step-frequency mode rather than the swept-frequency mode; therefore, strictly speaking only certain frequencies are possible. A smoothing did occur during data scaling, and the tabulated values do not necessarily correspond to the actual sounder frequencies; however, they are close to the sounder frequencies.

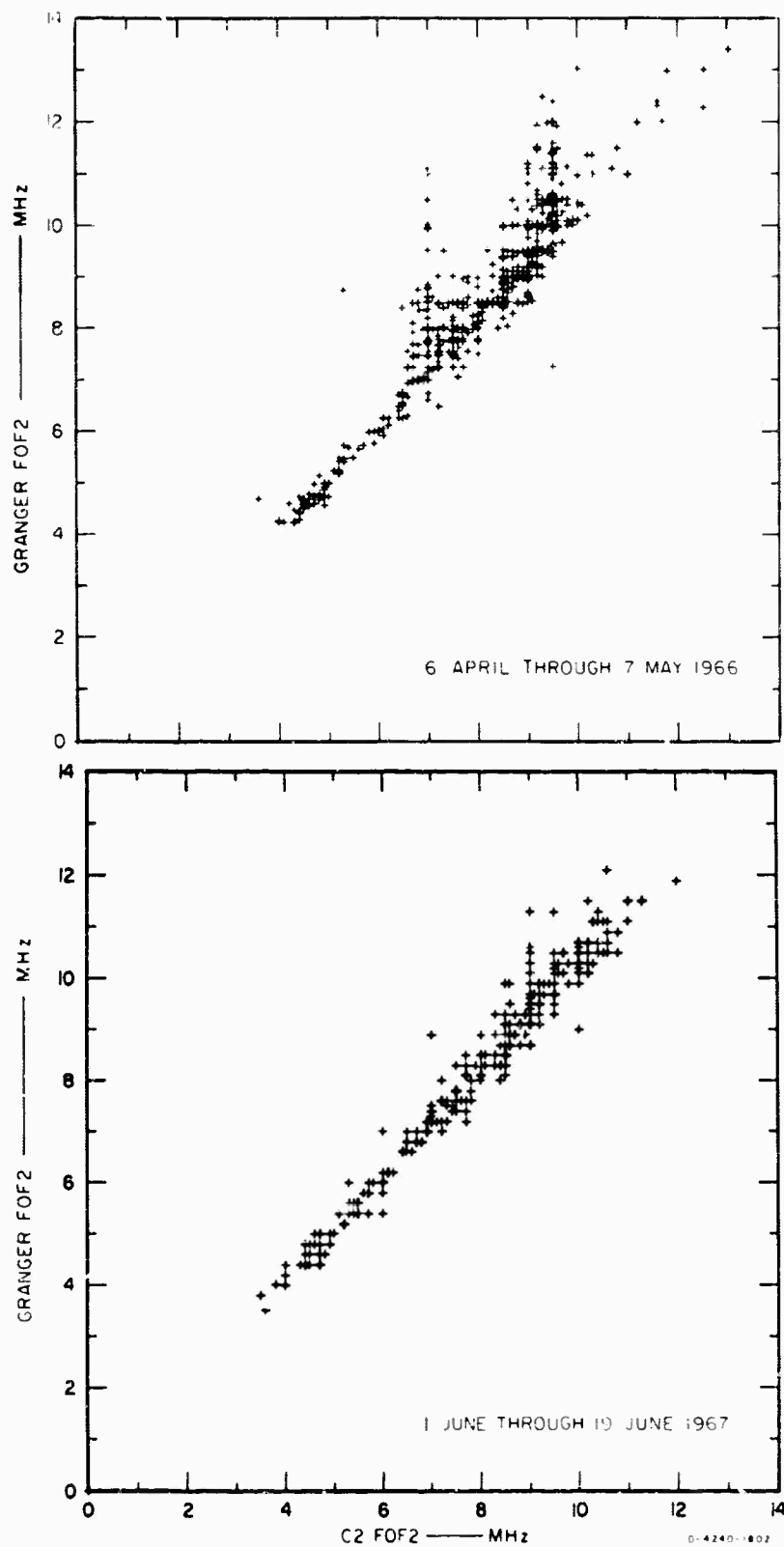


FIG 4 C-2 vs. GRANGER f_oF_2 READINGS AT BANGKOK, THAILAND

quite good, although the Granger system tended to yield somewhat higher values of f_oF_2 than the C-2 system. Perhaps this is due to the Granger's higher peak-pulse power (nominally 30 kW vs 10 kW for the C-2) and longer pulse duration (nominally 100 μ s vs 50 μ s for the C-2). There are some significant departures from the 45° line in the vicinity of 7 and 9 MHz on the C-2 scale for the 1966 sample. The cause of these observed differences has not been determined.

IV IONOSPHERIC DATA

This section contains the hourly ionospheric data by calendar month in chronological order by site, as indicated in the Contents. Where appropriate, summary graphs of important ionospheric parameters are given following the data for a given site and month.

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IV IONOSPHERIC DATA

A. Bangkok

Pages 20 through 40 present ionospheric data for the month of April 1966.

Pages 41 through 58 present ionospheric data for the month of May 1966.

IONOSPHERIC DATA
VERTICAL INCIDENCE
APRIL 1966

APR 11 1966

**SITE. BIGKOK
LOCAL STAIRS TIME**

DAY	HR	5	35	135	155	205	235	305	335	405	435	505	535	605	635	705	735
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00														

CHARACTERISTIC, F0F2

IONOSPHERIC DATA
VERTICAL INCIDENCE

APRIL, 1966

SIZE, BRACKET
LOCAL STANDARD TIME

DAY /HR	0:5	0:55	9:5	9:55	10:5	10:55	11:5	12:5	13:5	14:5	14:55	15:5	15:55
1	C	C	C	C	C	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C	C	C	C	C	C
31	C	C	C	C	C	C	C	C	C	C	C	C	C
32	C	C	C	C	C	C	C	C	C	C	C	C	C
33	C	C	C	C	C	C	C	C	C	C	C	C	C
34	C	C	C	C	C	C	C	C	C	C	C	C	C
35	C	C	C	C	C	C	C	C	C	C	C	C	C
36	C	C	C	C	C	C	C	C	C	C	C	C	C
37	C	C	C	C	C	C	C	C	C	C	C	C	C
38	C	C	C	C	C	C	C	C	C	C	C	C	C
39	C	C	C	C	C	C	C	C	C	C	C	C	C
40	C	C	C	C	C	C	C	C	C	C	C	C	C
41	C	C	C	C	C	C	C	C	C	C	C	C	C
42	C	C	C	C	C	C	C	C	C	C	C	C	C
43	C	C	C	C	C	C	C	C	C	C	C	C	C
44	C	C	C	C	C	C	C	C	C	C	C	C	C
45	C	C	C	C	C	C	C	C	C	C	C	C	C
46	C	C	C	C	C	C	C	C	C	C	C	C	C
47	C	C	C	C	C	C	C	C	C	C	C	C	C
48	C	C	C	C	C	C	C	C	C	C	C	C	C
49	C	C	C	C	C	C	C	C	C	C	C	C	C
50	C	C	C	C	C	C	C	C	C	C	C	C	C
51	C	C	C	C	C	C	C	C	C	C	C	C	C
52	C	C	C	C	C	C	C	C	C	C	C	C	C
53	C	C	C	C	C	C	C	C	C	C	C	C	C
54	C	C	C	C	C	C	C	C	C	C	C	C	C
55	C	C	C	C	C	C	C	C	C	C	C	C	C
56	C	C	C	C	C	C	C	C	C	C	C	C	C
57	C	C	C	C	C	C	C	C	C	C	C	C	C
58	C	C	C	C	C	C	C	C	C	C	C	C	C
59	C	C	C	C	C	C	C	C	C	C	C	C	C
60	C	C	C	C	C	C	C	C	C	C	C	C	C
61	C	C	C	C	C	C	C	C	C	C	C	C	C
62	C	C	C	C	C	C	C	C	C	C	C	C	C
63	C	C	C	C	C	C	C	C	C	C	C	C	C
64	C	C	C	C	C	C	C	C	C	C	C	C	C
65	C	C	C	C	C	C	C	C	C	C	C	C	C
66	C	C	C	C	C	C	C	C	C	C	C	C	C
67	C	C	C	C	C	C	C	C	C	C	C	C	C
68	C	C	C	C	C	C	C	C	C	C	C	C	C
69	C	C	C	C	C	C	C	C	C	C	C	C	C
70	C	C	C	C	C	C	C	C	C	C	C	C	C
71	C	C	C	C	C	C	C	C	C	C	C	C	C
72	C	C	C	C	C	C	C	C	C	C	C	C	C
73	C	C	C	C	C	C	C	C	C	C	C	C	C
74	C	C	C	C	C	C	C	C	C	C	C	C	C
75	C	C	C	C	C	C	C	C	C	C	C	C	C
76	C	C	C	C	C	C	C	C	C	C	C	C	C
77	C	C	C	C	C	C	C	C	C	C	C	C	C
78	C	C	C	C	C	C	C	C	C	C	C	C	C
79	C	C	C	C	C	C	C	C	C	C	C	C	C
80	C	C	C	C	C	C	C	C	C	C	C	C	C
81	C	C	C	C	C	C	C	C	C	C	C	C	C
82	C	C	C	C	C	C	C	C	C	C	C	C	C
83	C	C	C	C	C	C	C	C	C	C	C	C	C
84	C	C	C	C	C	C	C	C	C	C	C	C	C
85	C	C	C	C	C	C	C	C	C	C	C	C	C
86	C	C	C	C	C	C	C	C	C	C	C	C	C
87	C	C	C	C	C	C	C	C	C	C	C	C	C
88	C	C	C	C	C	C	C	C	C	C	C	C	C
89	C	C	C	C	C	C	C	C	C	C	C	C	C
90	C	C	C	C	C	C	C	C	C	C	C	C	C
91	C	C	C	C	C	C	C	C	C	C	C	C	C
92	C	C	C	C	C	C	C	C	C	C	C	C	C
93	C	C	C	C	C	C	C	C	C	C	C	C	C
94	C	C	C	C	C	C	C	C	C	C	C	C	C
95	C	C	C	C	C	C	C	C	C	C	C	C	C
96	C	C	C	C	C	C	C	C	C	C	C	C	C
97	C	C	C	C	C	C	C	C	C	C	C	C	C
98	C	C	C	C	C	C	C	C	C	C	C	C	C
99	C	C	C	C	C	C	C	C	C	C	C	C	C
100	C	C	C	C	C	C	C	C	C	C	C	C	C

CHARACTERISTIC, F2F2

IONOSPHERIC DATA
VERTICAL INCIDENCE

APRIL, 1966

SITE, BANGKOK
LOCAL STANDARD TIME

DAY /HR	1605	1635	1705	1735	1805	1835	1905	1935	2005	2035	2105	2135	2205	2235	2305	2335
1	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
3	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
4	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
5	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
6	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
7	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
8	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
9	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
10	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
11	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
12	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
13	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
14	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
15	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
16	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
17	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
18	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
19	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
20	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
21	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
22	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
23	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
24	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
25	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
26	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
27	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
28	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
29	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
30	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
31	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
MEAN	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
STANDARD	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
QUANT	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
RAISE	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
ES	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
SS	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
SS20 F	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00

ATMOSPHERIC DATA
VERTICAL INCIDENCE
APRIL, 1966

SITE. BACKWARD TIME
LOCAL STANDARD TIME

LEONARD
GEM'S
DIVISION

CHARACTERISTIC. M FCF2

ATMOSPHERIC DATA
VERTICAL INCIDENCE

APRIL, 1966

SITE. BANGKOK
LOCAL STANDARD TIME

DAY	TIME	035	045	055	065	075	085	095	105	115	125	135	145	155	165
1		C	C	C	C	C	C	C	C	C	C	C	C	C	C
2		C	C	C	C	C	C	C	C	C	C	C	C	C	C
3		C	C	C	C	C	C	C	C	C	C	C	C	C	C
4		C	C	C	C	C	C	C	C	C	C	C	C	C	C
5		C	C	C	C	C	C	C	C	C	C	C	C	C	C
6		C	C	C	C	C	C	C	C	C	C	C	C	C	C
7		C	C	C	C	C	C	C	C	C	C	C	C	C	C
8		C	C	C	C	C	C	C	C	C	C	C	C	C	C
9		C	C	C	C	C	C	C	C	C	C	C	C	C	C
10		C	C	C	C	C	C	C	C	C	C	C	C	C	C
11		C	C	C	C	C	C	C	C	C	C	C	C	C	C
12		C	C	C	C	C	C	C	C	C	C	C	C	C	C
13		C	C	C	C	C	C	C	C	C	C	C	C	C	C
14		C	C	C	C	C	C	C	C	C	C	C	C	C	C
15		C	C	C	C	C	C	C	C	C	C	C	C	C	C
16		C	C	C	C	C	C	C	C	C	C	C	C	C	C
17		C	C	C	C	C	C	C	C	C	C	C	C	C	C
18		C	C	C	C	C	C	C	C	C	C	C	C	C	C
19		C	C	C	C	C	C	C	C	C	C	C	C	C	C
20		C	C	C	C	C	C	C	C	C	C	C	C	C	C
21		C	C	C	C	C	C	C	C	C	C	C	C	C	C
22		C	C	C	C	C	C	C	C	C	C	C	C	C	C
23		C	C	C	C	C	C	C	C	C	C	C	C	C	C
24		C	C	C	C	C	C	C	C	C	C	C	C	C	C
25		C	C	C	C	C	C	C	C	C	C	C	C	C	C
26		C	C	C	C	C	C	C	C	C	C	C	C	C	C
27		C	C	C	C	C	C	C	C	C	C	C	C	C	C
28		C	C	C	C	C	C	C	C	C	C	C	C	C	C
29		C	C	C	C	C	C	C	C	C	C	C	C	C	C
30		C	C	C	C	C	C	C	C	C	C	C	C	C	C
MEDIAN		305	310	310	310	310	310	310	310	310	310	310	310	310	310
S.D. MED		14.89	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85
L. QUART		300	305	305	305	305	305	305	305	305	305	305	305	305	305
U. QUART		310	315	315	315	315	315	315	315	315	315	315	315	315	315
RANGE		10	36	36	36	36	36	36	36	36	36	36	36	36	36

CHARACTERISTIC. W FCF2

IONOSPHERIC DATA
VERTICAL INCIDENCE
APRIL, 1966

SITE. BANGKOK		LOCAL STANDARD TIME															
DAY	HR	1605	1655	1705	1735	1805	1835	1905	1935	2005	2035	2105	2135	2205	2235	2305	2335
1		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
2		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
3		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
4		504	502	501	500	500	500	500	500	500	500	500	500	500	500	500	500
5		513	510	509	508	508	508	508	508	508	508	508	508	508	508	508	508
6		540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540
7		533	530	530	530	530	530	530	530	530	530	530	530	530	530	530	530
8		535	533	533	533	533	533	533	533	533	533	533	533	533	533	533	533
9		532	532	532	532	532	532	532	532	532	532	532	532	532	532	532	532
10		535	535	535	535	535	535	535	535	535	535	535	535	535	535	535	535
11		535	535	535	535	535	535	535	535	535	535	535	535	535	535	535	535
12		535	535	535	535	535	535	535	535	535	535	535	535	535	535	535	535
13		535	535	535	535	535	535	535	535	535	535	535	535	535	535	535	535
14		535	535	535	535	535	535	535	535	535	535	535	535	535	535	535	535
15		535	535	535	535	535	535	535	535	535	535	535	535	535	535	535	535
16		535	535	535	535	535	535	535	535	535	535	535	535	535	535	535	535
17		535	535	535	535	535	535	535	535	535	535	535	535	535	535	535	535
18		535	535	535	535	535	535	535	535	535	535	535	535	535	535	535	535
19		535	535	535	535	535	535	535	535	535	535	535	535	535	535	535	535
20		535	535	535	535	535	535	535	535	535	535	535	535	535	535	535	535
21		535	535	535	535	535	535	535	535	535	535	535	535	535	535	535	535
22		535	535	535	535	535	535	535	535	535	535	535	535	535	535	535	535
23		535	535	535	535	535	535	535	535	535	535	535	535	535	535	535	535
24		535	535	535	535	535	535	535	535	535	535	535	535	535	535	535	535
25		535	535	535	535	535	535	535	535	535	535	535	535	535	535	535	535
26		535	535	535	535	535	535	535	535	535	535	535	535	535	535	535	535
27		535	535	535	535	535	535	535	535	535	535	535	535	535	535	535	535
28		535	535	535	535	535	535	535	535	535	535	535	535	535	535	535	535
29		535	535	535	535	535	535	535	535	535	535	535	535	535	535	535	535
30		535	535	535	535	535	535	535	535	535	535	535	535	535	535	535	535
MEDIAN		525	509	501	500	500	500	500	500	500	500	500	500	500	500	500	500
Q. MED		49.10	20.91	19.45	19.45	19.45	19.45	19.45	19.45	19.45	19.45	19.45	19.45	19.45	19.45	19.45	19.45
Q. QUART		505	505	500	500	500	500	500	500	500	500	500	500	500	500	500	500
Q. QUART		547	547	521	521	521	521	521	521	521	521	521	521	521	521	521	521
RANGE		72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72

DAY /HR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	MEAN	STDEV	MIN	MAX	Q1	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20	Q21	Q22	Q23	Q24	Q25	Q26	Q27	Q28	Q29	Q30																																																																																																																																																																																																											
1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	

CHARACTERISTIC. F0F1

IONOSPHERIC DATA
VERTICAL INCIDENCE
APRIL 1966

SITE: BANGKOK		LOCAL STANDARD TIME																					
DAY	HR	005	015	025	035	045	055	065	075	085	095	1005	1035	1055	1135	1205	1235	1305	1335	1405	1435	1505	1535
1																							
2																							
3																							
4																							
5																							
6																							
7																							
8																							
9																							
10																							
11																							
12																							
13																							
14																							
15																							
16																							
17																							
18																							
19																							
20																							
21																							
22																							
23																							
24																							
25																							
26																							
27																							
28																							
29																							
30																							
MEDIAN		4.76	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
S.D. MED		4.91	4.91	4.91	4.91	4.91	4.91	4.91	4.91	4.91	4.91	4.91	4.91	4.91	4.91	4.91	4.91	4.91	4.91	4.91	4.91	4.91	4.91
L QUANT		4.76	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
U QUANT		4.76	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
RANGE		.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01

CHARACTERISTIC. FCFI

IONOSPHERIC DATA
VERTICAL INCIDENCE

APRIL, 1966

SITE. BANGKOK
LOCAL STANDARD TIME

DAY /HR	1615	1655	1735	1805	1835	1905	1955	2005	2035	2105	2155	2205	2255	2305	2355
1	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
4	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75
5	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76
6	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75
7	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76
8	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75
9	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76
10	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75
11	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76
12	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75
13	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76
14	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75
15	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76
16	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75
17	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76
18	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75
19	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76
20	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75
21	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76
22	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75
23	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76
24	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75
25	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76
26	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75
27	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76
28	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75
29	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76
30	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75
MEDIAN	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76
S.D. MED	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01
1. QUART	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75
3. QUART	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76
PAUSE	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01

CHARACTERISTIC. H FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE

APRIL 1966

SITE: BANGKOK
LOCAL STANDARD TIME

DAY	HR	035	055	075	095	1055	1055	1105	1135	1205	1255	1305	1335	1405	1455	1515	1555
1		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
2		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
3		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
4		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
5		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
6		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
7		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
8		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
9		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
10		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
11		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
12		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
13		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
14		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
15		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
16		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
17		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
18		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
19		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
20		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
21		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
22		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
23		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
24		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
25		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
26		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
27		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
28		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
29		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
30		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
MEDIAN		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S.D. MED		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
U. QUART		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L. QUART		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RANGE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CHARACTERISTIC, M FCFI

IONOSPHERIC DATA
VERTICAL INCIDENCE

APRIL, 1966

SITE, BANGKOK
LOCAL STANDARD TIME

DAY /HR	1605	1655	1705	1735	1805	1835	1905	1935	2005	2035	2105	2135	2205	2235	2305	2335
1	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
2	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
3	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
4	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
6	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
7	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
8	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
9	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
11	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
12	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
13	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
14	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
15	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
16	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
17	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
18	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
19	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
20	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
21	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
22	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
23	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
24	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
26	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
27	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
28	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
29	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
31	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
MEAN	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
S.D. MED	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
U QUANT	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
U QUANT	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
RANGE	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

CHARACTERISTICS: FCS

IONOSPHERIC DATA
VERTICAL INCIDENCE

APRIL, 1966

SITE: HAUSACK
LOCAL STANDARD TIME

DAY /HR	5	55	105	155	205	255	305	355	405	455	505	555	605	655	705	755
1	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
2	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
3	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
4	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
6	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
7	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
8	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
9	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
11	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
12	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
13	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
14	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
15	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
16	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
17	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
18	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
19	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
20	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
21	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
22	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
23	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
24	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
26	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
27	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
28	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
29	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
31	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
MEDIAN	...	5.37	...	...	...	...	...	...	...	...	...	...	...	...	...	...
S.D. MED	...	1.15	...	...	...	...	...	...	...	...	...	...	...	...	...	...
L. QUANT	...	5.41	...	...	...	...	...	...	...	...	...	...	...	...	...	...
H. QUANT	...	6.41	...	...	...	...	...	...	...	...	...	...	...	...	...	...
MEAN	...	5.51	...	...	...	...	...	...	...	...	...	...	...	...	...	...

CHARACTERISTIC. FCS

IONOSPHERIC DATA
VERTICAL INCIDENCE
APRIL, 1966

SITE. BAUSACK
LOCAL STANDARD TIME

DAY /HR	1605	1655	1735	1805	1835	1905	1935	2005	2035	2105	2155	2205	2235	2315	2355
1	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
4	5.80L	6.73L	6.23L	6.76F	5.50F	5.30F	5.30F	5.30F	5.30F	5.30F	5.30F	5.30F	5.30F	5.30F	5.30F
5	7.00L	5.65L	5.75L	5.45F	5.45F	5.45F	5.45F	5.45F	5.45F	5.45F	5.45F	5.45F	5.45F	5.45F	5.45F
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	6.67L	4.73L	5.40L	5.73L	5.82F	5.73F	5.73F	5.73F	5.73F	5.73F	5.73F	5.73F	5.73F	5.73F	5.73F
11	-	-	-	5.56L	4.35F	5.91F	5.42F	5.42F	5.42F	5.42F	5.42F	5.42F	5.42F	5.42F	5.42F
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	9.40L	-	5.80L	5.40L	-	7.00F	6.00F	6.00F	6.00F	6.00F	6.00F	6.00F	6.00F	6.00F	6.00F
16	-	-	5.25L	6.26L	-	-	-	-	-	-	-	-	-	-	-
17	4.30L	C	C	-	-	-	-	-	-	-	-	-	-	-	-
18	5.51L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	5.73L	4.80L	4.73L	4.30L	4.90F	5.20F	6.05F	6.05F	6.05F	6.05F	6.05F	6.05F	6.05F	6.05F	6.05F
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	6.25L	6.50L	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	4.90L	5.30L	4.90L	4.50L	5.75F	7.30F	6.00F	6.60F	5.75F	5.75F	5.75F	5.75F	5.75F	5.75F	5.75F
29	-	-	-	-	5.80F	9.00F	8.20F	5.30F	5.30F	5.30F	5.30F	5.30F	5.30F	5.30F	5.30F
30	8.10L	7.20L	6.25L	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEDIAN	5.91	5.65	5.73	5.52	5.62	5.91	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
S.D. MED	1.57	1.92	1.59	1.72	1.77	1.39	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
L QUART	5.35	4.80	5.11	4.51	4.90	5.30	5.71	5.71	5.71	5.71	5.71	5.71	5.71	5.71	5.71
U QUART	7.55	6.75	6.25	5.75	5.82	7.30	7.51	7.51	7.51	7.51	7.51	7.51	7.51	7.51	7.51
RANGE	2.19	1.95	1.18	1.25	1.92	2.00	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80

ATC 010000

**SITE, MARECK
LOCAL STANDARD TIME**

35

CHARACTERISTIC. MES

IONOSPHERIC DATA
VERTICAL INCIDENCE
APRIL, 1966

SITE, BANGKOK		LOCAL STANDARD TIME																			
DAY /HR	005	055	905	955	1005	1035	1105	1155	1205	1235	1305	1405	1435	1505	1535	1555	1605	1635	1655	1705	1735
1	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
MEDIAN	105	109	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
S.D. MED	7.30	4.55	4.55	4.55	4.55	4.55	4.55	4.55	4.55	4.55	4.55	4.55	4.55	4.55	4.55	4.55	4.55	4.55	4.55	4.55	4.55
L. QUART	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
U. QUART	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
RAISE	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105

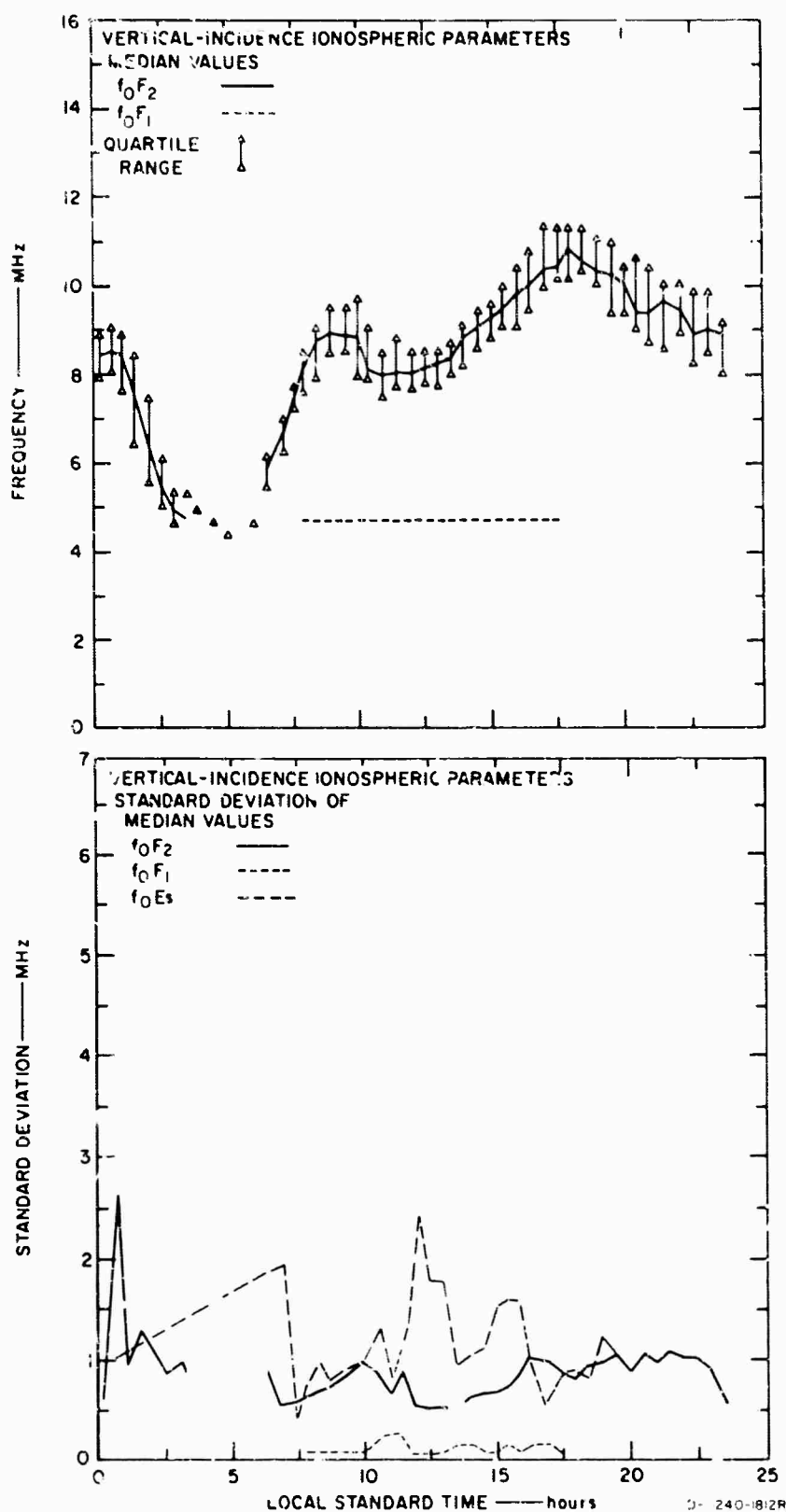
CHARACTERISTIC. HES

IONOSPHERIC DATA
VERTICAL INCIDENCE

APRIL, 1966

SITE. BANGKOK
LOCAL STANDARD TIME

DAY /HR	1605	1635	1705	1735	1805	1835	1905	1935	2005	2035	2105	2135	2205	2235	2305	2335
1	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
4	100	104	103	103	101	101	100	100	100	100	100	100	100	100	100	100
5	110	104	103	103	101	101	100	100	100	100	100	100	100	100	100	100
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	112	111	110	109	108	108	108	108	108	108	108	108	108	108	108	108
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109
16	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109
17	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109
18	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109
19	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109
20	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109
21	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109
22	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109
23	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109
24	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109
25	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109
26	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109
27	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109
28	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109
29	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109
30	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109
MEDIAN	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109
S.D. MED	9.29	9.29	9.29	9.29	9.29	9.29	9.29	9.29	9.29	9.29	9.29	9.29	9.29	9.29	9.29	9.29
U. QUART	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
U. QUART	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
RANGE	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105



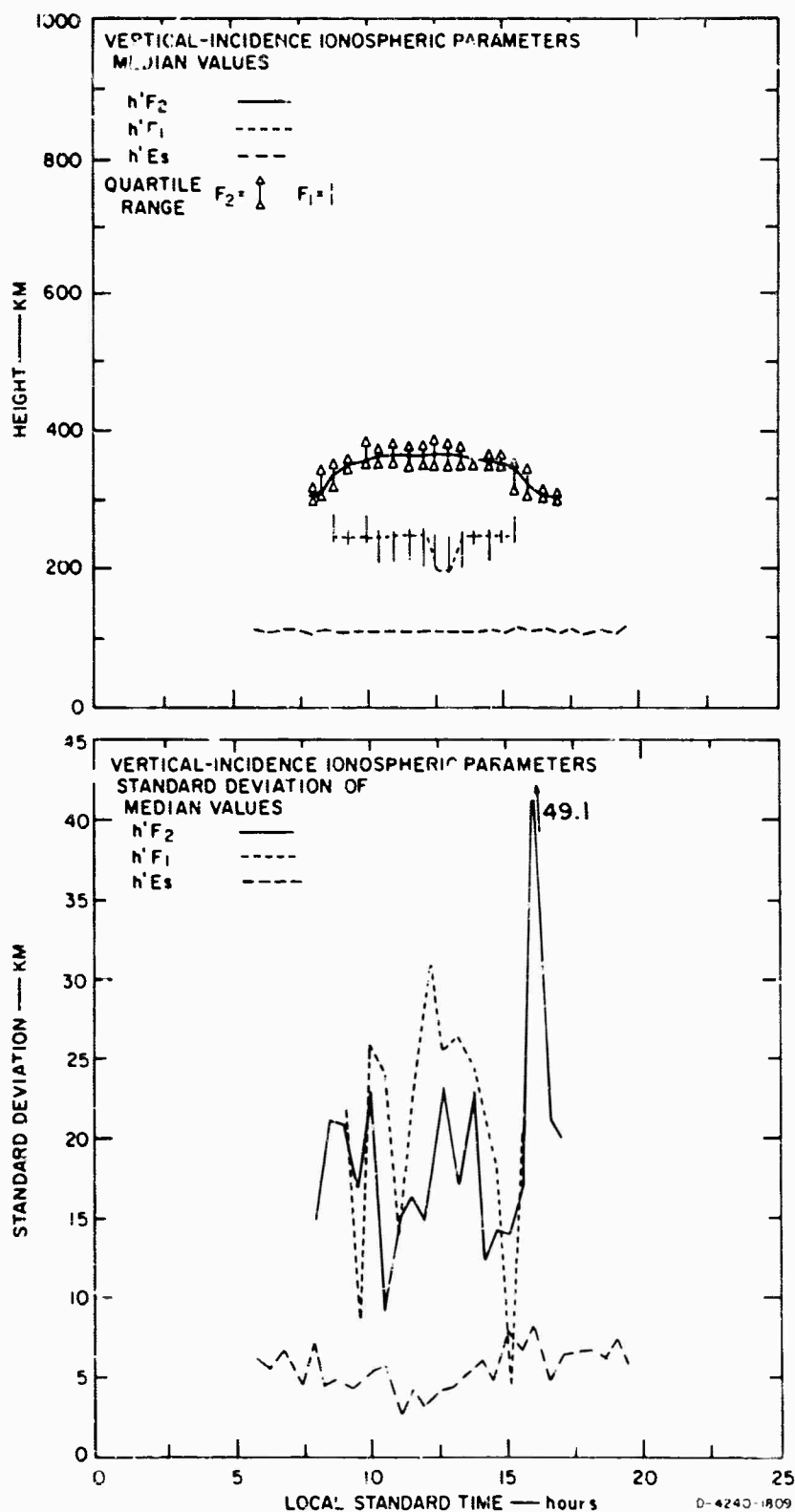
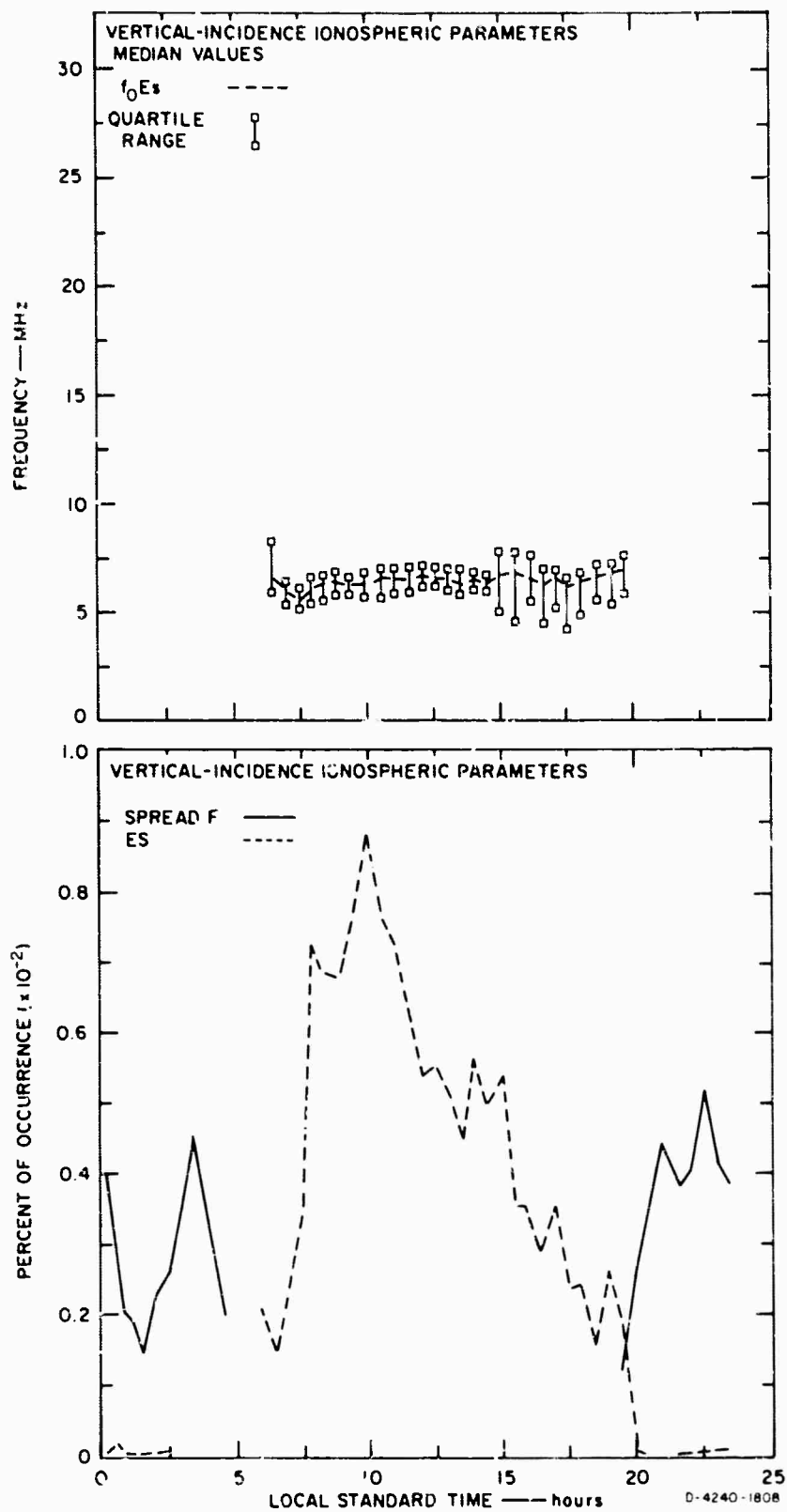


FIG. 6 VIRTUAL HEIGHT SUMMARY, BANGKOK, APRIL, 1966



CHARACTERISTIC. FCF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1956

STATION: BANGKOK
LOCAL STANDARD TIME

DAY	HR	5	35	105	135	205	235	305	335	405	435	505	535	5	655	725	735
1	0.55	9.55R	9.44	8.10	7.47R	6.58R	6.01	5.75	5.75	5.75	5.71	5.26	4.79	5.23	6.23	7.3	8.59
2	1.25R	7.23	7.46R	6.58R	6.26	5.50	5.38	5.38	5.51	5.71	5.71	5.26	4.79	5.23	6.23	7.3	8.59
3	1.55	8.15	8.22	6.58	6.26	5.50	5.38	5.38	5.51	5.71	5.71	5.26	4.79	5.23	6.23	7.3	8.59
4	2.25	9.05	8.22	6.58	6.26	5.50	5.38	5.38	5.51	5.71	5.71	5.26	4.79	5.23	6.23	7.3	8.59
5	2.55	9.55	8.22	6.58	6.26	5.50	5.38	5.38	5.51	5.71	5.71	5.26	4.79	5.23	6.23	7.3	8.59
6	3.25	10.45	8.22	6.58	6.26	5.50	5.38	5.38	5.51	5.71	5.71	5.26	4.79	5.23	6.23	7.3	8.59
7	3.55	11.35	8.22	6.58	6.26	5.50	5.38	5.38	5.51	5.71	5.71	5.26	4.79	5.23	6.23	7.3	8.59
8	4.25	12.25	8.22	6.58	6.26	5.50	5.38	5.38	5.51	5.71	5.71	5.26	4.79	5.23	6.23	7.3	8.59

CHARACTERISTIC. FCF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE. BRISBCK
LOCAL STANDARD TIME

DAY /HR	085	095	105	115	125	135	145	155	165
1	9.18	9.02	8.82	8.62	8.42	8.22	8.02	7.82	7.62
2	9.52R	9.36R	9.20R	9.04R	8.88R	8.72R	8.56R	8.40R	8.24R
3	9.14R	8.98R	8.82R	8.66R	8.50R	8.34R	8.18R	8.02R	7.86R
4	9.56R	9.40R	9.24R	9.08R	8.92R	8.76R	8.60R	8.44R	8.28R
5	9.36	9.20	9.04	8.88	8.72	8.56	8.40	8.24	8.08
6	9.52R	9.36R	9.20R	9.04R	8.88R	8.72R	8.56R	8.40R	8.24R
7	8.50	8.34	8.18	8.02	7.86	7.70	7.54	7.38	7.22
8	C	C	C	C	C	C	C	C	C

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE. BAUGKOK
LOCAL STANDARD TIME

DAY /HR	1635	1635	1705	1735	1805	1835	1905	1935	2005	2035	2105	2135	2205	2235	2305	2355
1	11.51	12.52R	12.28	13.36	13.04	12.53R	12.22R	11.53R	11.00	10.44	10.00	9.50	9.45	9.00	8.50	7.75
2	12.98R	13.40	13.40	12.53R	12.48R	12.46R	11.98R	10.94R	10.50	10.10	10.02	9.98	9.50	9.55R	9.45R	8.58
3	13.40	13.02	11.00R	11.02R	11.56R	11.52R	11.58R	10.95	10.42	10.04R	10.00R	9.60	9.45R	9.55R	9.00	7.80R
4	10.48	10.46	10.48	10.60	11.00R	11.00	10.25	10.00R	9.10	9.00	9.00	8.80	9.00R	8.50	8.00	7.00R
5	10.40	10.30R	10.40	10.20	10.40	10.35	10.20R	10.00R	9.10	9.00	9.00	8.80	9.00R	8.50	8.00	7.00R
6	10.40	10.98	10.98	11.00	10.12	10.50	10.45	10.10	10.10R	10.02R	10.40R	10.10R	8.98	8.50	8.00	7.00R
7	10.40	11.00R	12.50R	10.00	10.12	10.50	10.45	10.10	10.10R	10.02R	10.40R	10.10R	8.98	8.50	8.00	7.00R

CHARACTERISTIC. M FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE: BANGKOK
LOCAL STANDARD TIME

DAY /HR	5	55	105	135	205	235	305	335	405	435	505	535	605	635	705	735
1	-	-	-	-	F	F	F	F	F	C	F	F	F	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	C.	S	C	C	S	-	C.	C.	C.	C	C	C.	-	-	-	-
6	-	-	-	-	-	-	-	C	C	C	C	C	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	C.	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C

CHARACTERISTIC. W FCF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE. BANGKOK
LOCAL STANDARD TIME

DAY /HR	035	055	075	095	105	1055	1105	1155	1205	1235	1305	1335	1405	1435	1505	1535
1	-	324	-	347	-	352	356	353	364	361	354	355	348	336	327	325
2	-	-	-	348	350	357	353	372	359	351	357	355	353	356	352	340
3	-	-	-	-	348	-	350	350	-	-	358	352	357	352	326	333
4	-	-	-	321	364	361	357	-	-	-	381	-	348	321	310	333
5	-	302	-	306	350	353	350	350	342	354	355	352	348	338	-	345
6	-	-	-	327	338	378	388	395	342	357	353	356	-	338	-	345
7	320	311	-	338	351	356	361	357	350	-	352	357	357	295	348	333
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

CHARACTERISTIC. H FCF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE. BANGKOK		LOCAL STANDARD TIME													
DAY /HR	LOCAL STANDARD TIME	1635	1705	1735	1805	1835	1905	1935	2005	2035	2105	2135	2205	2235	2305
1	3:4	335	-	-	-	-	-	-	-	-	-	-	-	-	-
2	3:4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	3:0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	3:0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	3:0	320	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	3:1	3:1	-	-	-	-	-	-	-	-	-	-	-	-	-

CHARACTERISTIC. FCFI

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE: BANGKOK
LOCAL STANDARD TIME

DAY /HR	5	35	105	135	205	235	305	335	405	435	505	535	605	635	705	735
1	-	-	-	-	F	F	F	F	F	C	F	F	F	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	C	S	C	C	S	-	C	C	C	C	C	C	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C

CHARACTERISTIC. FCF1

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1965

SITE. BANGKOK																	
LOCAL STANDARD TIME																	
DAY /HR	035	055	085	095	935	1005	1035	1105	1155	1205	1235	1305	1335	1405	1435	1505	1535
1	-	4.76	-	4.75	4.75	-	4.75	4.76	4.76	4.76	4.75	4.77	4.77	4.75	4.75	4.75	4.75
2	-	-	-	4.75	-	4.76	4.77	4.82	4.78	4.76	4.75	4.76	4.75	4.75	4.75	4.74	4.75
3	-	-	-	-	-	4.76	-	4.76	4.76	4.77	-	4.80	4.75	4.75	4.75	4.76	4.75
4	-	-	-	4.75	-	4.75	4.76	-	-	-	-	4.76	-	5	4.75	4.75	4.75
5	-	4.76	-	4.75	4.75	4.77	4.75	4.75	4.78	5	4.75	4.75	4.75	4.73	4.75	4.75	4.75
6	-	-	-	4.75	4.75	4.74	4.75	4.74	4.75	4.76	4.75	4.76	4.75	4.75	4.75	4.77	4.75
7	4.75	4.74	-	4.75	4.83	4.75	4.75	4.74	4.75	4.76	-	4.80	4.75	4.75	4.75	4.77	4.75
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

CHARACTERISTIC. FCFI

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE, BANCKOK		LOCAL STANDARD TIME														
DAY /HR	1625	1635	1705	1735	1805	1835	1905	1935	2005	2035	2105	2135	2205	2235	2305	2335
1	4.76	4.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	4.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	4.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	4.75	-	-	-	-	-	C*	-	-	-	-	-	-	-	-	-
5	4.75	4.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	C*	4.75	-	C*	C	C	C	C	C	C	C	C	C	C	C	C

CHARACTERISTIC. M FCFI

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE: BANGKOK
LOCAL STANDARD TIME

DAY /HR	5	35	105	135	205	235	305	335	405	435	505	535	605	635	705	735
1	-	-	-	-	F	F	F	F	F	C	F	F	F	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	C	S	C	C	S	-	C	C	C	C	C	C	-	-	-	-
6	-	-	-	-	-	-	C	C	C	C	C	C	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C

IONOSPHERIC DATA
VERTICAL INCIDENCE

STF. BAKK 7Y207
LOCAL STAIRS TIME

51

CHARACTERISTIC. M FCF:

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE. BANGKOK
LOCAL STANDARD TIME

DAY /HR	16:55	16:55	17:05	17:35	18:05	18:35	19:05	19:35	20:05	20:35	21:05	21:35	22:05	22:35	23:05	23:35
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

CHARACTERISTIC. FCS

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE: BANGKOK
LOCAL STANDARD TIME

DAY /HR	5	35	105	135	205	235	305	335	405	435	505	535	605	635	705	735
1	9.51F	-	-	-	F	F	F	F	F	C	F	F	F	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.50L
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	C.	S	C	C	S	-	-	C.	C.	C.	C.	C.	-	-	7.00L	5.50L
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	C.	-	-	7.00F	6.51F	5.50F	C.	C.	C.	C.	C.	C.	-	-	-	-
8	-	C	C	C	C	C	C	-	C	C	C	C	C	C	C	C

CHARACTERISTIC. FEES

ATMOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE. BANGKOK		LOCAL STANDARD TIME															
DAY /HR	015	035	055	075	095	115	135	155	175	195	215	235	015	035	055	075	095
1	-	6.74L	-	6.10L	5.75L	5.25L	4.90L	4.55L	4.20L	3.85L	3.50L	3.15L	2.80L	2.45L	2.10L	1.75L	1.40L
2	6.74L	-	-	-	6.25L	5.75L	5.30L	4.95L	4.60L	4.25L	3.90L	3.55L	3.20L	2.85L	2.50L	2.15L	1.80L
3	-	-	-	-	-	6.25L	5.75L	5.30L	4.95L	4.60L	4.25L	3.90L	3.55L	3.20L	2.85L	2.50L	2.15L
4	-	-	-	-	-	-	6.25L	5.75L	5.30L	4.95L	4.60L	4.25L	3.90L	3.55L	3.20L	2.85L	2.50L
5	-	-	-	-	-	-	-	6.25L	5.75L	5.30L	4.95L	4.60L	4.25L	3.90L	3.55L	3.20L	2.85L
6	11.00L	6.00L	6.00L	6.00L	5.25L	4.50L	3.75L	3.00L	2.25L	1.50L	0.75L	0.00L	0.75L	1.50L	2.25L	3.00L	3.75L
7	6.75L	6.25L	6.25L	6.25L	6.25L	6.25L	6.25L	6.25L	6.25L	6.25L	6.25L	6.25L	6.25L	6.25L	6.25L	6.25L	6.25L
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

CHARACTERISTIC. FCS

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE. BANGKOK
LOCAL STANDARD TIME

DAY /HR	1635	1655	1715	1735	1805	1835	1855	1905	1935	2005	2035	2105	2135	2205	2235	2305	2335
1	6.51L	7.33L	6.75L	6.83L	6.80F	5.78F	7.62F	8.50F	8.45F	6.52F	6.48F	-	-	-	-	-	-
2	6.51L	7.33L	7.03L	6.80L	6.99F	5.98F	5.77F	-	-	5.98F	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	7.00L	6.85L	6.75L	5.82L	6.00F	6.25F	C*	C	C	C	C	C	C	C	C	C	5.24F
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	6.63L	-	-	-	-	-	-	5.51F	C	C	C	C	C	C	C	C	C
7	7.41L	6.00L	6.00L	C*	C	C	C	C	C	C	C	C	C	C	C	C	C

CHARACTERISTIC. M ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE: BANCKO
LOCAL STANDARD TIME

DAY /HR	5	35	105	135	205	235	505	535	405	435	505	535	605	635	705	735
1	115	-	-	-	F	F	F	F	F	C	F	F	F	-	-	115
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	115
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	115
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	115
5	105	S	C	C	S	-	-	-	-	-	-	-	-	-	-	115
6	105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	115
7	105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	115
8	105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	115

CHARACTERISTIC. HES

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE: BANGKOK																	
LOCAL STANDARD TIME																	
DAY /HR	035	055	075	095	1105	1135	1205	1235	1305	1335	1405	1435	1505	1535	1555		
1	-	117	108	103	110	110	106	110	107	107	119	122	122	122	125		
2	105	-	110	103	112	107	102	106	101	105	115	122	122	122	125		
3	-	-	103	-	105	110	117	106	102	102	114	120	122	122	125		
4	-	-	-	-	100	105	117	103	101	101	114	120	122	122	125		
5	-	-	-	-	100	105	115	103	101	101	114	120	122	122	125		
6	103	102	100	100	105	105	102	105	103	101	114	120	122	122	125		
7	105	105	105	105	102	100	102	105	100	101	114	120	122	122	125		
8	-	-	-	-	102	100	102	105	100	101	114	120	122	122	125		

CHARACTERISTIC. M ES

IONOSPHERIC DATA
VERTICAL INCIDENCE
MAY, 1966

SITE. BANGKOK		LOCAL STANDARD TIME															
DAY	HR	1635	1655	1705	1735	1805	1835	1905	1955	2005	2035	2105	2135	2205	2235	2305	2335
1	-	-	-	105	105	103	101	106	108	110	110	119	-	-	-	-	-
2	102	111	112	110	108	105	104	105	-	-	105	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	101	103	103	103	105	103	102	100	100	100	100	100	100	100	100	100	100
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	100	-	-	-	-	-	-	-	105	-	-	-	-	-	-	-	-
7	101	101	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110

IV IONOSPHERIC DATA

B. Chantaburi

Pages 60 through 80 present ionospheric data for the month of April 1966.

Pages 81 through 98 present ionospheric data for the month of May 1966.

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

APRIL, 1966

SITE. CHANT-BURI
LOCAL STANDARD TIME

DAY /HR	5	35	105	135	205	235	305	335	405	435	505	535	605	635	705	735
1	0.54	9.32	7.65	9.58	7.48	7.50	6.51	6.10	4.51	4.00	4.00	4.00	4.00	4.00	6.51	7.48
2	0.54	9.32	7.65	9.58	7.48	7.50	6.51	6.10	4.51	4.00	4.00	4.00	4.00	4.00	6.51	7.48
3	0.54	9.32	7.65	9.58	7.48	7.50	6.51	6.10	4.51	4.00	4.00	4.00	4.00	4.00	6.51	7.48
4	0.54	9.32	7.65	9.58	7.48	7.50	6.51	6.10	4.51	4.00	4.00	4.00	4.00	4.00	6.51	7.48
5	0.54	9.32	7.65	9.58	7.48	7.50	6.51	6.10	4.51	4.00	4.00	4.00	4.00	4.00	6.51	7.48
6	0.54	9.32	7.65	9.58	7.48	7.50	6.51	6.10	4.51	4.00	4.00	4.00	4.00	4.00	6.51	7.48
7	0.54	9.32	7.65	9.58	7.48	7.50	6.51	6.10	4.51	4.00	4.00	4.00	4.00	4.00	6.51	7.48
8	0.54	9.32	7.65	9.58	7.48	7.50	6.51	6.10	4.51	4.00	4.00	4.00	4.00	4.00	6.51	7.48
9	0.54	9.32	7.65	9.58	7.48	7.50	6.51	6.10	4.51	4.00	4.00	4.00	4.00	4.00	6.51	7.48
10	0.54	9.32	7.65	9.58	7.48	7.50	6.51	6.10	4.51	4.00	4.00	4.00	4.00	4.00	6.51	7.48
11	0.54	9.32	7.65	9.58	7.48	7.50	6.51	6.10	4.51	4.00	4.00	4.00	4.00	4.00	6.51	7.48
12	0.54	9.32	7.65	9.58	7.48	7.50	6.51	6.10	4.51	4.00	4.00	4.00	4.00	4.00	6.51	7.48
13	0.54	9.32	7.65	9.58	7.48	7.50	6.51	6.10	4.51	4.00	4.00	4.00	4.00	4.00	6.51	7.48
14	0.54	9.32	7.65	9.58	7.48	7.50	6.51	6.10	4.51	4.00	4.00	4.00	4.00	4.00	6.51	7.48
15	0.54	9.32	7.65	9.58	7.48	7.50	6.51	6.10	4.51	4.00	4.00	4.00	4.00	4.00	6.51	7.48
16	0.54	9.32	7.65	9.58	7.48	7.50	6.51	6.10	4.51	4.00	4.00	4.00	4.00	4.00	6.51	7.48
17	0.54	9.32	7.65	9.58	7.48	7.50	6.51	6.10	4.51	4.00	4.00	4.00	4.00	4.00	6.51	7.48
18	0.54	9.32	7.65	9.58	7.48	7.50	6.51	6.10	4.51	4.00	4.00	4.00	4.00	4.00	6.51	7.48
19	0.54	9.32	7.65	9.58	7.48	7.50	6.51	6.10	4.51	4.00	4.00	4.00	4.00	4.00	6.51	7.48
20	0.54	9.32	7.65	9.58	7.48	7.50	6.51	6.10	4.51	4.00	4.00	4.00	4.00	4.00	6.51	7.48
21	0.54	9.32	7.65	9.58	7.48	7.50	6.51	6.10	4.51	4.00	4.00	4.00	4.00	4.00	6.51	7.48
22	0.54	9.32	7.65	9.58	7.48	7.50	6.51	6.10	4.51	4.00	4.00	4.00	4.00	4.00	6.51	7.48
23	0.54	9.32	7.65	9.58	7.48	7.50	6.51	6.10	4.51	4.00	4.00	4.00	4.00	4.00	6.51	7.48
24	0.54	9.32	7.65	9.58	7.48	7.50	6.51	6.10	4.51	4.00	4.00	4.00	4.00	4.00	6.51	7.48
25	0.54	9.32	7.65	9.58	7.48	7.50	6.51	6.10	4.51	4.00	4.00	4.00	4.00	4.00	6.51	7.48
26	0.54	9.32	7.65	9.58	7.48	7.50	6.51	6.10	4.51	4.00	4.00	4.00	4.00	4.00	6.51	7.48
27	0.54	9.32	7.65	9.58	7.48	7.50	6.51	6.10	4.51	4.00	4.00	4.00	4.00	4.00	6.51	7.48
28	0.54	9.32	7.65	9.58	7.48	7.50	6.51	6.10	4.51	4.00	4.00	4.00	4.00	4.00	6.51	7.48
29	0.54	9.32	7.65	9.58	7.48	7.50	6.51	6.10	4.51	4.00	4.00	4.00	4.00	4.00	6.51	7.48
30	0.54	9.32	7.65	9.58	7.48	7.50	6.51	6.10	4.51	4.00	4.00	4.00	4.00	4.00	6.51	7.48
31	0.54	9.32	7.65	9.58	7.48	7.50	6.51	6.10	4.51	4.00	4.00	4.00	4.00	4.00	6.51	7.48
MEDIAN	0.54	9.32	7.65	9.58	7.48	7.50	6.51	6.10	4.51	4.00	4.00	4.00	4.00	4.00	6.51	7.48
S.D. MED	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
1 QUART	0.54	9.32	7.65	9.58	7.48	7.50	6.51	6.10	4.51	4.00	4.00	4.00	4.00	4.00	6.51	7.48
3 QUART	0.54	9.32	7.65	9.58	7.48	7.50	6.51	6.10	4.51	4.00	4.00	4.00	4.00	4.00	6.51	7.48
UPPER	0.54	9.32	7.65	9.58	7.48	7.50	6.51	6.10	4.51	4.00	4.00	4.00	4.00	4.00	6.51	7.48
LOWER	0.54	9.32	7.65	9.58	7.48	7.50	6.51	6.10	4.51	4.00	4.00	4.00	4.00	4.00	6.51	7.48
SPREAD	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

APRIL, 1966

SITE: CHANTABURI
LOCAL STANDARD TIME

DAY	HR	035	045	055	065	075	085	095	105	115	1205	1235	1305	1335	1405	1435	1505	1535
1		7.00	7.02	7.04	7.06	7.08	7.10	7.12	7.14	7.16	7.18	7.20	7.22	7.24	7.26	7.28	7.30	7.32
2		7.02	7.04	7.06	7.08	7.10	7.12	7.14	7.16	7.18	7.20	7.22	7.24	7.26	7.28	7.30	7.32	7.34
3		7.04	7.06	7.08	7.10	7.12	7.14	7.16	7.18	7.20	7.22	7.24	7.26	7.28	7.30	7.32	7.34	7.36
4		7.06	7.08	7.10	7.12	7.14	7.16	7.18	7.20	7.22	7.24	7.26	7.28	7.30	7.32	7.34	7.36	7.38
5		7.08	7.10	7.12	7.14	7.16	7.18	7.20	7.22	7.24	7.26	7.28	7.30	7.32	7.34	7.36	7.38	7.40
6		7.10	7.12	7.14	7.16	7.18	7.20	7.22	7.24	7.26	7.28	7.30	7.32	7.34	7.36	7.38	7.40	7.42
7		7.12	7.14	7.16	7.18	7.20	7.22	7.24	7.26	7.28	7.30	7.32	7.34	7.36	7.38	7.40	7.42	7.44
8		7.14	7.16	7.18	7.20	7.22	7.24	7.26	7.28	7.30	7.32	7.34	7.36	7.38	7.40	7.42	7.44	7.46
9		7.16	7.18	7.20	7.22	7.24	7.26	7.28	7.30	7.32	7.34	7.36	7.38	7.40	7.42	7.44	7.46	7.48
10		7.18	7.20	7.22	7.24	7.26	7.28	7.30	7.32	7.34	7.36	7.38	7.40	7.42	7.44	7.46	7.48	7.50
11		7.20	7.22	7.24	7.26	7.28	7.30	7.32	7.34	7.36	7.38	7.40	7.42	7.44	7.46	7.48	7.50	7.52
12		7.22	7.24	7.26	7.28	7.30	7.32	7.34	7.36	7.38	7.40	7.42	7.44	7.46	7.48	7.50	7.52	7.54
13		7.24	7.26	7.28	7.30	7.32	7.34	7.36	7.38	7.40	7.42	7.44	7.46	7.48	7.50	7.52	7.54	7.56
14		7.26	7.28	7.30	7.32	7.34	7.36	7.38	7.40	7.42	7.44	7.46	7.48	7.50	7.52	7.54	7.56	7.58
15		7.28	7.30	7.32	7.34	7.36	7.38	7.40	7.42	7.44	7.46	7.48	7.50	7.52	7.54	7.56	7.58	7.60
16		7.30	7.32	7.34	7.36	7.38	7.40	7.42	7.44	7.46	7.48	7.50	7.52	7.54	7.56	7.58	7.60	7.62
17		7.32	7.34	7.36	7.38	7.40	7.42	7.44	7.46	7.48	7.50	7.52	7.54	7.56	7.58	7.60	7.62	7.64
18		7.34	7.36	7.38	7.40	7.42	7.44	7.46	7.48	7.50	7.52	7.54	7.56	7.58	7.60	7.62	7.64	7.66
19		7.36	7.38	7.40	7.42	7.44	7.46	7.48	7.50	7.52	7.54	7.56	7.58	7.60	7.62	7.64	7.66	7.68
20		7.38	7.40	7.42	7.44	7.46	7.48	7.50	7.52	7.54	7.56	7.58	7.60	7.62	7.64	7.66	7.68	7.70
21		7.40	7.42	7.44	7.46	7.48	7.50	7.52	7.54	7.56	7.58	7.60	7.62	7.64	7.66	7.68	7.70	7.72
22		7.42	7.44	7.46	7.48	7.50	7.52	7.54	7.56	7.58	7.60	7.62	7.64	7.66	7.68	7.70	7.72	7.74
23		7.44	7.46	7.48	7.50	7.52	7.54	7.56	7.58	7.60	7.62	7.64	7.66	7.68	7.70	7.72	7.74	7.76
24		7.46	7.48	7.50	7.52	7.54	7.56	7.58	7.60	7.62	7.64	7.66	7.68	7.70	7.72	7.74	7.76	7.78
25		7.48	7.50	7.52	7.54	7.56	7.58	7.60	7.62	7.64	7.66	7.68	7.70	7.72	7.74	7.76	7.78	7.80
26		7.50	7.52	7.54	7.56	7.58	7.60	7.62	7.64	7.66	7.68	7.70	7.72	7.74	7.76	7.78	7.80	7.82
27		7.52	7.54	7.56	7.58	7.60	7.62	7.64	7.66	7.68	7.70	7.72	7.74	7.76	7.78	7.80	7.82	7.84
28		7.54	7.56	7.58	7.60	7.62	7.64	7.66	7.68	7.70	7.72	7.74	7.76	7.78	7.80	7.82	7.84	7.86
29		7.56	7.58	7.60	7.62	7.64	7.66	7.68	7.70	7.72	7.74	7.76	7.78	7.80	7.82	7.84	7.86	7.88
30		7.58	7.60	7.62	7.64	7.66	7.68	7.70	7.72	7.74	7.76	7.78	7.80	7.82	7.84	7.86	7.88	7.90
MEDIAN		7.58	7.60	7.62	7.64	7.66	7.68	7.70	7.72	7.74	7.76	7.78	7.80	7.82	7.84	7.86	7.88	7.90
5.0 MED		7.58	7.60	7.62	7.64	7.66	7.68	7.70	7.72	7.74	7.76	7.78	7.80	7.82	7.84	7.86	7.88	7.90
1.0 QUART		7.58	7.60	7.62	7.64	7.66	7.68	7.70	7.72	7.74	7.76	7.78	7.80	7.82	7.84	7.86	7.88	7.90
0.5 QUART		7.58	7.60	7.62	7.64	7.66	7.68	7.70	7.72	7.74	7.76	7.78	7.80	7.82	7.84	7.86	7.88	7.90
0.1 MAX		7.58	7.60	7.62	7.64	7.66	7.68	7.70	7.72	7.74	7.76	7.78	7.80	7.82	7.84	7.86	7.88	7.90
0.05 F		7.58	7.60	7.62	7.64	7.66	7.68	7.70	7.72	7.74	7.76	7.78	7.80	7.82	7.84	7.86	7.88	7.90

CHARACTERISTICS: FCF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

APRIL, 1956

SITE: CHARLESTON
LOCAL STANDARD TIME

DAY	HR	1555	1635	1735	1835	1935	1955	2035	2105	2135	2235	2335	2355	2435
1		C	C	C	C	C	C	C	C	C	C	C	C	C
2		9.34	10.20	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50
3		9.10	9.57R	10.20R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R
4		9.00	9.57R	10.20R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R
5		9.00	9.57R	10.20R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R
6		9.00	9.57R	10.20R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R
7		9.00	9.57R	10.20R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R
8		9.00	9.57R	10.20R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R
9		9.00	9.57R	10.20R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R
10		9.00	9.57R	10.20R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R
11		9.00	9.57R	10.20R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R
12		9.00	9.57R	10.20R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R
13		9.00	9.57R	10.20R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R
14		9.00	9.57R	10.20R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R
15		9.00	9.57R	10.20R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R
16		9.00	9.57R	10.20R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R
17		9.00	9.57R	10.20R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R
18		9.00	9.57R	10.20R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R
19		9.00	9.57R	10.20R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R
20		9.00	9.57R	10.20R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R
21		9.00	9.57R	10.20R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R
22		9.00	9.57R	10.20R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R
23		9.00	9.57R	10.20R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R
24		9.00	9.57R	10.20R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R
25		9.00	9.57R	10.20R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R
26		9.00	9.57R	10.20R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R
27		9.00	9.57R	10.20R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R
28		9.00	9.57R	10.20R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R
29		9.00	9.57R	10.20R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R
30		9.00	9.57R	10.20R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R	10.50R
MEDIAN		9.55	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50
S.O. MED		9.55	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50
U. QUART		9.55	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50
U. QUART		9.55	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50
BLANK		9.55	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50
ES		9.55	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50
SP2 F		9.55	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50

CHARACTERISTIC. W F02

IONOSPHERIC DATA
VERTICAL INCIDENCE
APRIL, 1966

SITE. CHANTABURI
LOCAL STANDARD TIME

DAY	HR	5	35	105	135	205	235	305	335	405	435	505	535	605	635	705	735
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
MEDIAN	S.D.	MED	U	QUART	U	QUART	PAUSE										

CHARACTERISTIC. H FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

APRIL, 1966

SITE. CHANTABURI
LOCAL STANDARD TIME

DAY /HR	805	835	905	935	1005	1035	1105	1135	1205	1235	1305	1335	1405	1435	1505	1535	1835
1	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
MEDIAN	320	310	330	340	355	355	360	360	359	359	360	362	362	362	362	362	362
S.D. MED	1.60	1.50	1.40	1.30	1.20	1.10	1.00	0.90	0.80	0.70	0.60	0.50	0.40	0.30	0.20	0.10	0.00
L. QUART	310	300	320	330	340	350	350	350	350	350	350	350	350	350	350	350	350
U. QUART	330	340	360	370	380	390	400	410	420	430	440	450	460	470	480	490	500
RANGE	20	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	50

CHARACTERISTIC. H FCF2

IONOSPHERIC DATA
VERTICAL INCIDENCE
APRIL, 1966

SITE. CHANTADJURI
LOCAL STANDARD TIME

DAY /HR	1605	1635	1705	1735	1805	1835	1905	1935	2005	2035	2105	2135	2205	2235	2305	2335
1	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
2	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
3	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
4	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
5	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
6	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
7	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
8	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
9	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
10	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
11	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
12	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
13	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
14	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
15	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
16	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
17	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
18	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
19	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
20	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
21	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
22	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
23	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
24	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
25	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
26	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
27	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
28	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
29	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
30	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
MEDIAN	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
S.D. MED	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
U. QUART	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
L. QUART	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
RANGE	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300

IONOSPHERIC DATA
VERTICAL INCIDENCE

APR 11 1946

**SITE. CHARTERED!
LOCAL STANDARD TIME**

[illegible]

CHARACTERISTIC. FCF1

IONOSPHERIC DATA
VERTICAL INCIDENCE

APRIL, 1966

SITE. CHANTABURI
LOCAL STANDARD TIME

DAY /HR	805	855	905	955	1005	1055	1105	1155	1205	1255	1305	1355	1405	1455	1505	1555
1	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
2	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
3	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
4	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
6	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
7	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
8	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
9	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
11	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
12	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
13	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
14	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
15	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
16	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
17	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
18	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
19	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
20	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
21	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
22	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
23	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
24	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
26	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
27	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
28	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
29	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
MEDIAN	4.74	4.75	4.74	4.75	4.75	4.75	4.75	4.75	4.74	4.75	4.75	4.75	4.75	4.75	4.75	4.75
S.D. MED	.03	.02	.03	.02	.03	.02	.01	.02	.04	.06	.03	.03	.03	.03	.03	.03
U QUART	4.80	4.75	4.74	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
L QUART	4.68	4.71	4.73	4.71	4.73	4.73	4.73	4.73	4.73	4.73	4.73	4.73	4.73	4.73	4.73	4.73
RANGE	.12	.04	.02	.04	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02

CHARACTERISTIC. FOFI

IONOSPHERIC DATA
VERTICAL INCIDENCE

APRIL, 1966

SITE: CHANTABURI
LOCAL STANDARD TIME

DAY / HR	1635	1653	1705	1735	1805	1835	1905	1935	2005	2035	2105	2135	2205	2235	2305	2335
1	4.55	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
2	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
3	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
4	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
5	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
6	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
7	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
8	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
9	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
10	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
11	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
12	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
13	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
14	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
15	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
16	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
17	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
18	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
19	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
20	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
21	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
22	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
23	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
24	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
25	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
26	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
27	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
28	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
29	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
30	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
MEDIAN	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
S.D. MED	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
L. QUART	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
U. QUART	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
RANGE	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75

ATMOSPHERIC DATA
VERTICAL INCIDENCE

APRIL 1966

[illegible]

CHARACTERISTIC, M FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE
APRIL, 1966

SITE: HANTABURI
LOCAL STANDARD TIME

DAY /HR	005	035	065	095	1005	1035	1105	1135	1205	1235	1305	1335	1405	1435	1505	1535
1	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
MEDIAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L QUART	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
U QUART	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

APRIL, 1966

[illegible]234

CHARACTERISTIC. FCS

IONOSPHERIC DATA
VERTICAL INCIDENCE

APRIL, 1966

SITE. CHANTABURI
LOCAL STANDARD TIME

DAY	TIME	5	55	105	155	205	255	305	355	405	455	505	555	605	655	705	755
1		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
2		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
3		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
4		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
5		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
6		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
7		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
8		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
9		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
10		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
11		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
12		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
13		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
14		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
15		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
16		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
17		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
18		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
19		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
20		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
21		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
22		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
23		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
24		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
25		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
26		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
27		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
28		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
29		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
30		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
MEDIAN		5.74	5.74	5.74	5.74	5.74	5.74	5.74	5.74	5.74	5.74	5.74	5.74	5.74	5.74	5.74	5.74
S.D. MED		0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
U. QUART		5.55	5.55	5.55	5.55	5.55	5.55	5.55	5.55	5.55	5.55	5.55	5.55	5.55	5.55	5.55	5.55
L. QUART		6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55
RANGE		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

CHARACTERISTIC. FCS

IONOSPHERIC DATA
VERTICAL INCIDENCE

APRIL, 1966

SITE. CHAN. ABUJI
LOCAL STANDARD TIME

DAY /HR	805	835	905	935	1005	1035	1105	1135	1205	1235	1305	1335	1405	1435	1505	1535
1	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
6	5.71L	6.55L	7.24L	7.25L	7.30L	7.36L	7.46L	7.20L	7.20L	6.90L	7.59L	7.01L	7.18L	7.38L	6.55L	7.50L
7	11.00	6.54L	7.24L	7.18L	7.24L	7.24L	7.24L	7.24L	7.24L	7.24L	7.24L	7.24L	7.24L	7.24L	7.24L	7.24L
8	7.20L	7.51L	7.51L	7.51L	7.51L	7.51L	7.51L	7.51L	7.51L	7.51L	7.51L	7.51L	7.51L	7.51L	7.51L	7.51L
9	5.71L	6.55L	7.24L	7.25L	7.30L	7.36L	7.46L	7.20L	7.20L	6.90L	7.59L	7.01L	7.18L	7.38L	6.55L	7.50L
10	5.71L	6.55L	7.24L	7.25L	7.30L	7.36L	7.46L	7.20L	7.20L	6.90L	7.59L	7.01L	7.18L	7.38L	6.55L	7.50L
11	5.71L	6.55L	7.24L	7.25L	7.30L	7.36L	7.46L	7.20L	7.20L	6.90L	7.59L	7.01L	7.18L	7.38L	6.55L	7.50L
12	5.71L	6.55L	7.24L	7.25L	7.30L	7.36L	7.46L	7.20L	7.20L	6.90L	7.59L	7.01L	7.18L	7.38L	6.55L	7.50L
13	5.71L	6.55L	7.24L	7.25L	7.30L	7.36L	7.46L	7.20L	7.20L	6.90L	7.59L	7.01L	7.18L	7.38L	6.55L	7.50L
14	5.71L	6.55L	7.24L	7.25L	7.30L	7.36L	7.46L	7.20L	7.20L	6.90L	7.59L	7.01L	7.18L	7.38L	6.55L	7.50L
15	5.71L	6.55L	7.24L	7.25L	7.30L	7.36L	7.46L	7.20L	7.20L	6.90L	7.59L	7.01L	7.18L	7.38L	6.55L	7.50L
16	5.71L	6.55L	7.24L	7.25L	7.30L	7.36L	7.46L	7.20L	7.20L	6.90L	7.59L	7.01L	7.18L	7.38L	6.55L	7.50L
17	5.71L	6.55L	7.24L	7.25L	7.30L	7.36L	7.46L	7.20L	7.20L	6.90L	7.59L	7.01L	7.18L	7.38L	6.55L	7.50L
18	5.71L	6.55L	7.24L	7.25L	7.30L	7.36L	7.46L	7.20L	7.20L	6.90L	7.59L	7.01L	7.18L	7.38L	6.55L	7.50L
19	5.71L	6.55L	7.24L	7.25L	7.30L	7.36L	7.46L	7.20L	7.20L	6.90L	7.59L	7.01L	7.18L	7.38L	6.55L	7.50L
20	5.71L	6.55L	7.24L	7.25L	7.30L	7.36L	7.46L	7.20L	7.20L	6.90L	7.59L	7.01L	7.18L	7.38L	6.55L	7.50L
21	5.71L	6.55L	7.24L	7.25L	7.30L	7.36L	7.46L	7.20L	7.20L	6.90L	7.59L	7.01L	7.18L	7.38L	6.55L	7.50L
22	5.71L	6.55L	7.24L	7.25L	7.30L	7.36L	7.46L	7.20L	7.20L	6.90L	7.59L	7.01L	7.18L	7.38L	6.55L	7.50L
23	5.71L	6.55L	7.24L	7.25L	7.30L	7.36L	7.46L	7.20L	7.20L	6.90L	7.59L	7.01L	7.18L	7.38L	6.55L	7.50L
24	5.71L	6.55L	7.24L	7.25L	7.30L	7.36L	7.46L	7.20L	7.20L	6.90L	7.59L	7.01L	7.18L	7.38L	6.55L	7.50L
25	5.71L	6.55L	7.24L	7.25L	7.30L	7.36L	7.46L	7.20L	7.20L	6.90L	7.59L	7.01L	7.18L	7.38L	6.55L	7.50L
26	5.71L	6.55L	7.24L	7.25L	7.30L	7.36L	7.46L	7.20L	7.20L	6.90L	7.59L	7.01L	7.18L	7.38L	6.55L	7.50L
27	5.71L	6.55L	7.24L	7.25L	7.30L	7.36L	7.46L	7.20L	7.20L	6.90L	7.59L	7.01L	7.18L	7.38L	6.55L	7.50L
28	5.71L	6.55L	7.24L	7.25L	7.30L	7.36L	7.46L	7.20L	7.20L	6.90L	7.59L	7.01L	7.18L	7.38L	6.55L	7.50L
29	5.71L	6.55L	7.24L	7.25L	7.30L	7.36L	7.46L	7.20L	7.20L	6.90L	7.59L	7.01L	7.18L	7.38L	6.55L	7.50L
30	5.71L	6.55L	7.24L	7.25L	7.30L	7.36L	7.46L	7.20L	7.20L	6.90L	7.59L	7.01L	7.18L	7.38L	6.55L	7.50L
31	5.71L	6.55L	7.24L	7.25L	7.30L	7.36L	7.46L	7.20L	7.20L	6.90L	7.59L	7.01L	7.18L	7.38L	6.55L	7.50L
MEDIAN	6.50	6.75	6.99	6.99	7.05	7.12	7.22	6.99	6.99	6.99	7.05	7.05	7.05	7.05	7.05	7.05
S.O. MED	1.21	1.09	1.14	1.14	1.25	1.39	1.22	1.22	1.22	1.22	1.25	1.25	1.25	1.25	1.25	1.25
1 QUART	1.16	1.04	1.09	1.09	1.19	1.31	1.16	1.16	1.16	1.16	1.19	1.19	1.19	1.19	1.19	1.19
3 QUART	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15
2000	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15

CHARACTERISTIC. F0ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

APRIL, 1966

SITE. CHANTABURI
LOCAL STANDARD TIME

DAY /HR	1605	1635	1705	1735	1805	1835	1905	1935	2005	2035	2105	2135	2205	2235	2305	2335
1	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
7	5.55L	6.58L	5.72L	7.00L	6.50F		5.40F									
8	C	C	6.55L	C	5.75F											
9	C	C	6.75L	5.50L	5.74F											
10	3.95L	7.01L	5.76L	5.26L	5.74F		5.74F	5.77F								
11	7.750	7.510		8.540	8.40F		5.80F								5.55F	
12							5.72F									
13																
14	5.55L	5.80L	6.51L													6.70F
15																
16	5.89L	6.55L	6.49L													
17	6.75L	6.55L														
18																
19	7.750	7.01L	6.51L	5.75L	5.55F											
20	6.75L	6.74L	5.75L	6.20L												
21																
22	4.70L	4.45L					5.75F	7.95F	5.25F							6.70F
23																
24	6.57L	6.40L	6.55L	5.35L												
25	6.81L	6.74L	6.25L													
26	5.75L	6.52L	6.75L	6.70L												
27	5.20L															
28	5.10L	5.51L	5.52L	6.50L	6.76F		9.52F									
29	12.520	11.580	14.520	14.200	11.480		8.90F	7.50F								
30	6.80L	6.75L	6.55L	5.50L	5.50F											
MEDIAN	6.26	6.66	6.50	6.20	5.75		5.80	6.25								
S.D. MED	1.19	1.52	2.19	2.57	5.75		2.31	5.97								
U. QUART	5.55	6.59	5.76	5.55	5.64		5.72	5.51								
L. QUART	6.80	6.80	6.55	7.03	1.58		19.80	7.12								
RANGE	1.25	.55	.19	1.65	5.06		5.16	1.61								

IONOSPHERIC DATA
VERTICAL INCIDENCE

TYPE: CHARTERED
LOCAL STAIRS TYPE

75

CHARACTERISTIC MES

IGUOSPHERIC DATA
VERTICAL INCIDENCE

APRIL, 1966

SITE: CHANTABURI
LOCAL STANDARD TIME

DAY	HR	005	055	905	955	1005	1035	1105	1135	1205	1235	1305	1335	1355	1405	1435	1505	1535
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEDIAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S. QUANT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
QUANT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLANE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

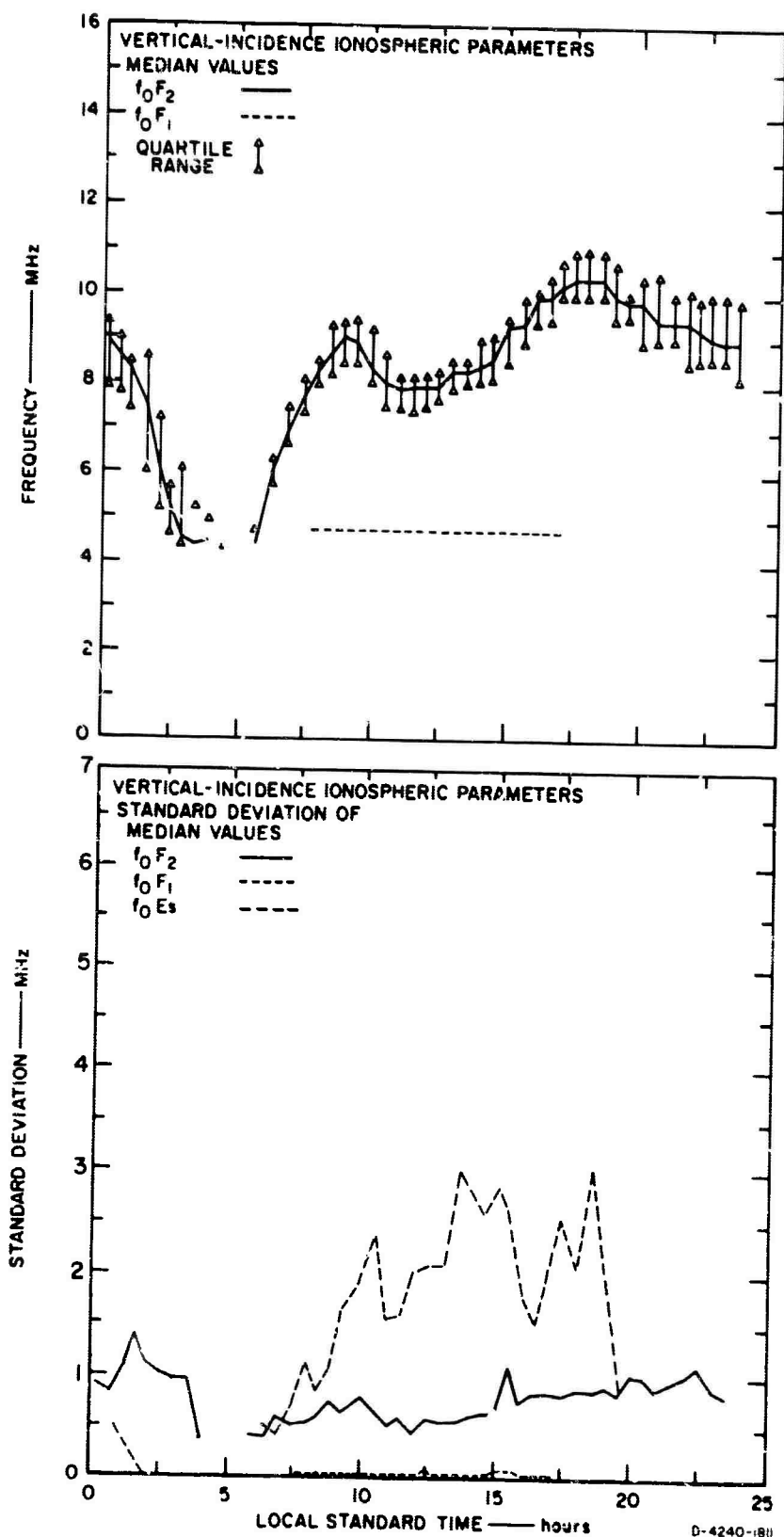
CHARACTERISTIC. H ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

APRIL, 1966

SITE. CHANTABURI
LOCAL STANDARD TIME

DAY /HR	1635	1655	1705	1735	1805	1835	1905	1935	2005	2035	2105	2135	2205	2235	2305	2335
1	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
7	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102
8	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
9	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
10	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
11	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102
12	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
13	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
14	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
15	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
16	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
17	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
18	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
19	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
20	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
21	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
22	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
23	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
24	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
25	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
26	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
27	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
28	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
29	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
30	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
MEDIAN	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102
5-DIGIT	435	435	435	435	435	435	435	435	435	435	435	435	435	435	435	435
QUART	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
QUART	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
RAISE	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105



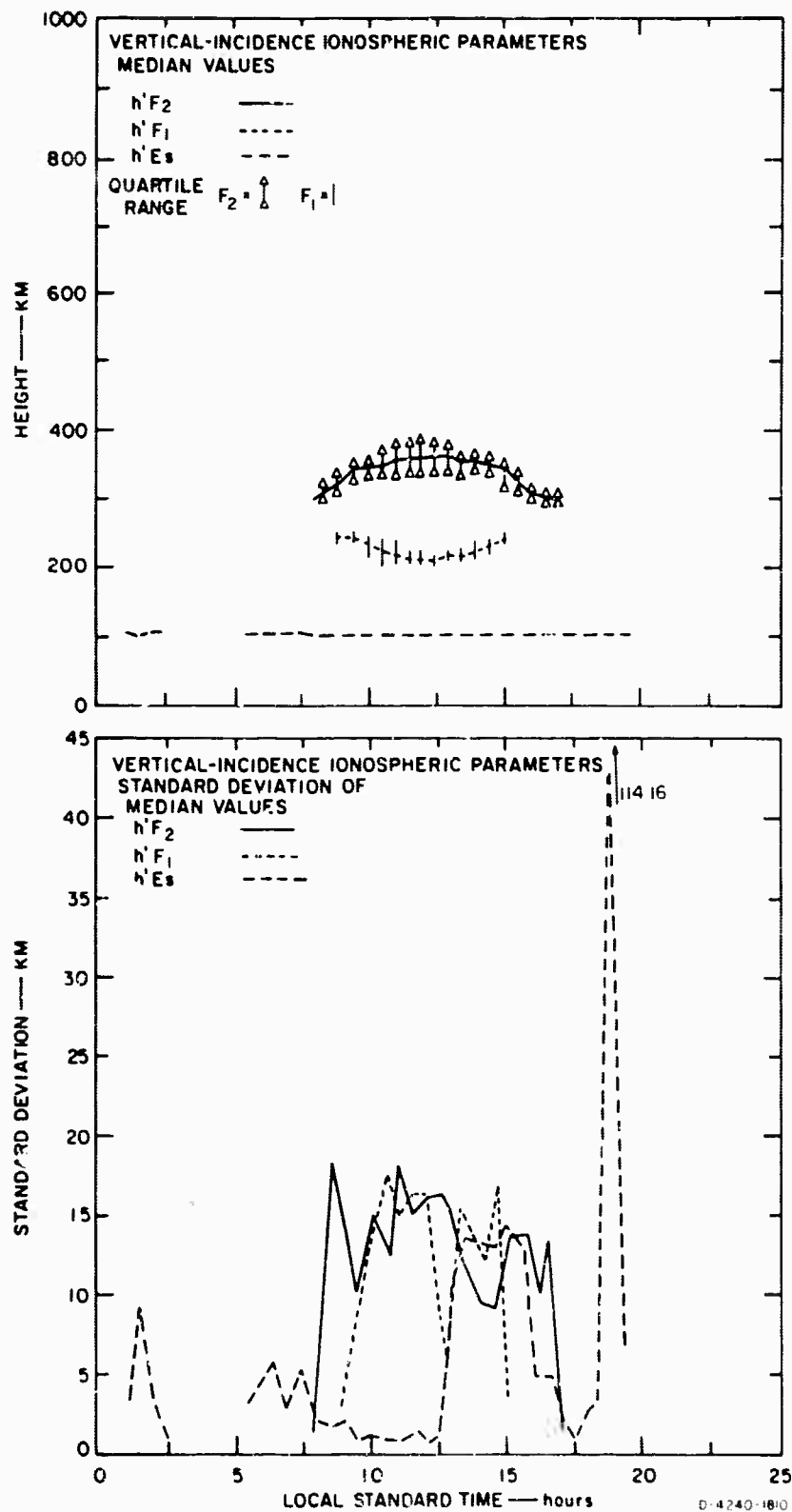
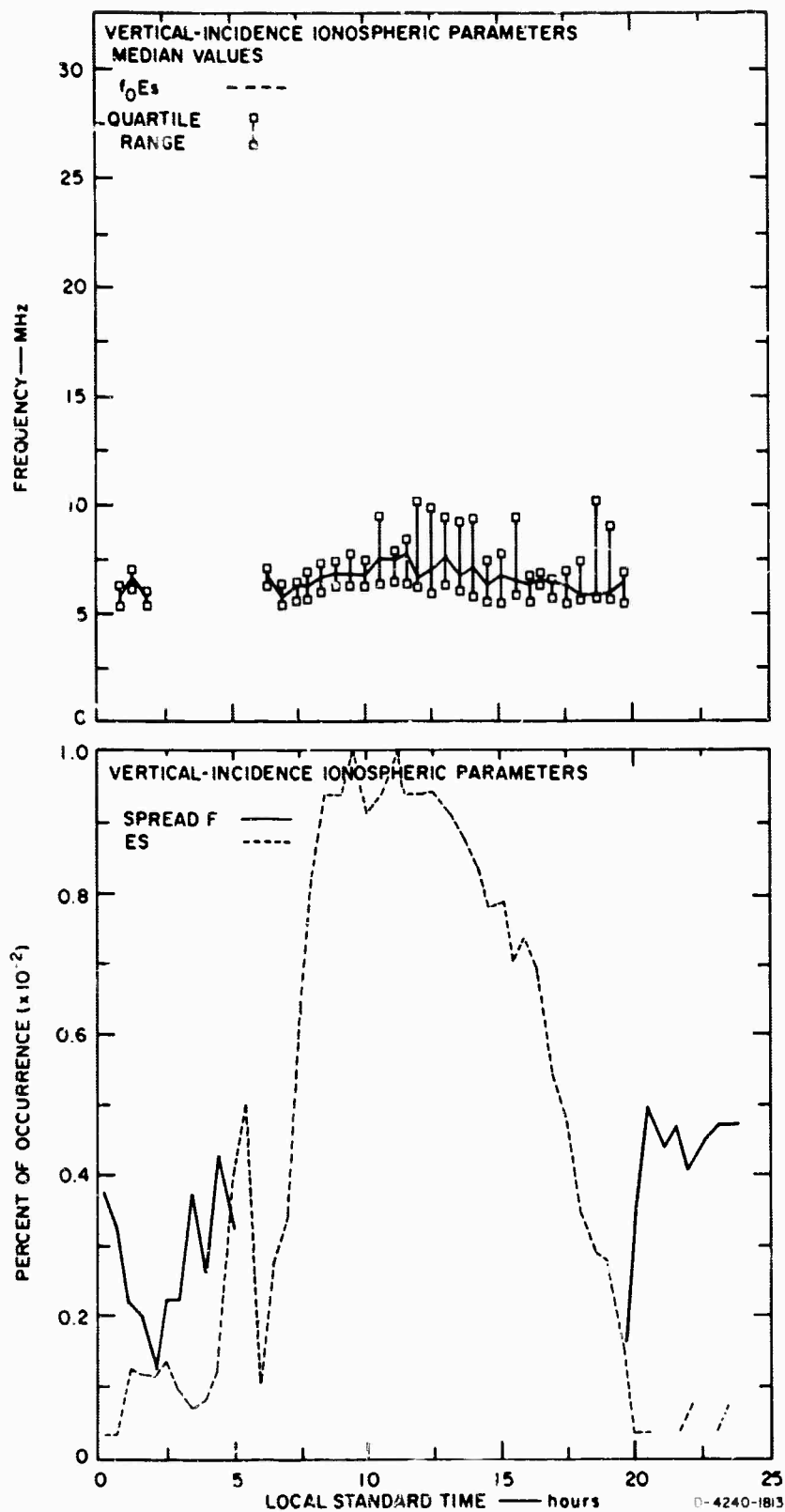


FIG. 9 VIRTUAL HEIGHT SUMMARY, CHANTABURI, APRIL, 1966



CHARACTERISTIC. FCF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE. CHANTABURI
LOCAL STANDARD TIME

DAY	HR	5	35	125	135	205	235	305	335	405	435	505	535	605	635	705	735
1		10.00	10.10	9.10	8.10	6.50	6.10	5.50	5.00	5.35	5.50	5.50	5.10	6.05	6.10	6.00	5.50
2		9.50	9.50	9.10	8.10	6.50	6.10	5.50	5.00	5.35	5.50	5.50	5.10	6.05	6.10	6.00	5.50
3		9.50	9.50	9.10	8.10	6.50	6.10	5.50	5.00	5.35	5.50	5.50	5.10	6.05	6.10	6.00	5.50
4		9.50	9.50	9.10	8.10	6.50	6.10	5.50	5.00	5.35	5.50	5.50	5.10	6.05	6.10	6.00	5.50
5		9.50	9.50	9.10	8.10	6.50	6.10	5.50	5.00	5.35	5.50	5.50	5.10	6.05	6.10	6.00	5.50
6		9.50	9.50	9.10	8.10	6.50	6.10	5.50	5.00	5.35	5.50	5.50	5.10	6.05	6.10	6.00	5.50

CHARACTERISTIC. F02

IGOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE, CHANTABURI
LOCAL STANDARD TIME

DAY /HR	015	035	055	075	095	1105	1135	1205	1235	1305	1335	1405	1435	1505	1535
1	9.51	10.11	9.50	9.40	9.40	9.40	9.00	8.95	8.92	9.41	9.58	10.01	12.71	12.11	11.41
2	9.58	9.52	9.50	9.40	9.40	9.52R	-	10.00R	9.70	10.36	10.52	12.98	11.40	12.04R	12.01R
3	9.30	9.50	10.00	10.40	10.40	9.55	10.30	9.63	9.95	9.51	9.51R	9.51	9.51	9.51	9.51
4	9.50	9.52	8.52	7.75	9.52	8.63	7.30	7.36R	7.99	8.61	5	9.51	5	10.01	10.11
5	9.98	10.40	10.11	10.13	9.50	9.63	9.00	8.93	8.53	8.51R	8.60R	8.58R	9.00	9.51	10.11
6	9.51R	9.51R	8.43	7.99	7.30	9.93R	-	-	-	8.76	8.51	10.55R	9.81	10.04	10.11

CHARACTERISTIC. F3F2

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE, CHANTIER:
LOCAL STANDARD TIME

DAY	HR	1605	1635	1705	1735	1805	1835	1905	1935	2005	2035	2105	2135	2205	2235	2305	2335
1		11.51	11.52R	12.0R	12.52R	12.98R	12.51R	12.46R	12.40R	10.96	10.51	10.11	9.70R	9.21	9.15R	9.11	8.50
2		12.51R	12.53R	13.31R	12.52R	12.50R	12.50R	12.48R	11.00R	10.11R	10.11R	9.56R	9.40R	9.21	9.15R	9.11	8.50
3		9.10	9.40R	9.50R	10.10R	10.16R	10.40	10.48	10.00	9.66R	9.40	9.28	9.11	9.21	9.15R	9.11	8.50
4		10.11	10.11R	10.11R	10.11R	10.11R	10.11R	10.11R	10.11R	10.11R	10.11R	10.11R	10.11R	10.11R	10.11R	10.11R	10.11R
5		10.11	10.11R	10.11R	10.11R	10.11R	10.11R	10.11R	10.11R	10.11R	10.11R	10.11R	10.11R	10.11R	10.11R	10.11R	10.11R
6		10.11	10.11R	10.11R	10.11R	10.11R	10.11R	10.11R	10.11R	10.11R	10.11R	10.11R	10.11R	10.11R	10.11R	10.11R	10.11R

CHARACTERISTIC. H FCF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE. CHANTABUN
LOCAL STANDARD TIME

DAY /HR	3	59	105	155	205	255	305	335	405	455	505	535	605	655	705	735
1	-	-	-	-	F	F	F	F	F	F	F	C	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	C	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	C	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	C	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	C	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	C	-	-	-	-

CHARACTERISTIC. M FCF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE. CHANTABURI
LOCAL STANDARD TIME

DAY /HR	0:5	0:5	9:5	9:5	10:5	10:5	11:5	11:5	12:5	12:5	13:5	13:5	14:5	14:5	15:5	15:5
1	-	-	-	335	-	-	-	-	350	350	345	330	310	320	322	322
2	-	-	335	335	345	-	-	350	350	350	345	330	310	320	322	322
3	3:5	3:5	335	335	345	-	-	350	350	350	345	330	310	320	322	322
4	3:5	3:5	335	335	345	-	-	350	350	350	345	330	310	320	322	322
5	3:5	3:5	335	335	345	-	-	350	350	350	345	330	310	320	322	322
6	3:5	3:5	335	335	345	-	-	350	350	350	345	330	310	320	322	322

CHARACTERISTIC. M FCF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE. CHANTABURI
LOCAL STANDARD TIME

DAY /HR	16:5	16:55	17:5	17:55	18:5	18:55	19:5	19:55	20:5	20:55	21:5	21:55	22:5	22:55	23:5	23:55
1	3:2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	3:2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	3:2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

CHARACTERISTIC. FCF:

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE. CHANTABURI
LOCAL STANDARD TIME

DAY /HR	3	55	105	155	205	255	305	355	405	455	505	555	605	655	705	755
1	-	-	-	-	F	F	F	F	F	F	F	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

CHARACTERISTIC. F0Y1

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY. 1966

SITE. CHANTABURI
LOCAL STANDARD TIME

DAY /HR	805	835	905	935	1005	1035	1105	1135	1205	1235	1305	1335	1405	1435	1505	1535
1	-	-	-	4.73	-	-	-	4.74	4.75	4.77	4.75	4.75	4.75	4.74	4.75	4.74
2	4.73	4.73	4.73	4.73	-	-	-	4.74	4.75	4.75	4.77	4.75	4.75	4.76	4.76	4.75
3	4.73	4.73	4.73	4.73	4.76	4.76	4.74	4.74	4.74	4.75	4.75	4.75	4.75	4.75	4.75	4.75
4	4.73	4.73	4.73	4.73	-	-	-	-	-	-	4.76	4.76	4.75	4.75	4.75	4.75
5	-	4.74	4.75	4.75	4.77	4.75	4.77	4.76	4.76	4.75	4.74	4.74	4.75	4.75	4.75	4.75
6	4.73	4.73	4.73	4.73	-	-	-	-	-	-	-	-	-	-	-	-

CHARACTERISTIC. FCFI

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE. CHANGABURI
LOCAL STANDARD TIME

DAY /HR	1605	1655	1705	1735	1805	1835	1905	1935	2005	2035	2105	2135	2205	2235	2305	2335
1	4.74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	4.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	4.74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

CHARACTERISTIC. M FCF:

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE, CHANTABURI
LOCAL STANDARD TIME

DAY	HR	5	55	105	155	205	255	305	355	405	455	505	555	605	655	705	755
1		-	-	-	-	F	F	F	F	F	F	F	-	-	-	-	-
2		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

CHARACTERISTIC. M FCFI

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE. CHANTABURI
LOCAL STANDARD TIME

DAY /HR	035	045	055	065	075	085	095	105	115	125	135	145	155	165
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-

CHARACTERISTIC. W FOFI

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE. CHANTABURI
LOCAL STANDARD TIME

DAY /HR	1605	1635	1705	1735	1805	1835	1905	1935	2005	2035	2105	2135	2205	2235	2305	2335
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

CHARACTERISTIC. FCS

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE. CHARTABURI
LOCAL STANDARD TIME

DAY /HR	5	35	105	135	205	235	305	335	405	435	505	535	605	635	705	735
1	-	-	-	-	F	F	F	F	F	F	F	-	-	-	9.20L	8.70L
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.00L
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.75L
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.50L
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	6.50F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.50L

CHARACTERISTIC. F0ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE, CHARTABUR
LOCAL STANDARD TIME

DAY	HR	005	035	065	095	1205	1305	1405	1505	1605	1705	1805	1905
1	7.49L	6.55L	7.50L	11.020	11.000	10.020	6.78L	6.74L	6.50L	6.74L	6.74L	6.73L	6.73L
2	9.40L	11.00L	11.41L	15.530	15.530	15.530	10.400	10.400	6.74L	10.460	9.310	9.310	6.73L
3	6.00L	6.50L	6.61L	6.95L	6.70L	6.55L	5.80L	6.75L	5.74L	6.70L	5.74L	5.74L	6.73L
4	6.65L	6.60L	5.55L	7.50L	9.500	10.000	11.520	9.900	10.520	14.820	5	12.520	6.65L
5	—	5.42L	5.77L	6.57L	6.57L	6.71L	5.71L	5.75L	5.55L	5.55L	5.81L	6.55L	6.76L
6	10.000	9.100	6.55L	7.21L	15.900	15.900	15.900	15.900	10.800	12.000	12.200	11.100	6.95L
													5.81L

CHARACTERISTIC. FEES

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

STATION: CHANTABURI
LOCAL STANDARD TIME

DAY /HR	1635	1655	1705	1735	1805	1835	1905	1935	2005	2035	2105	2135	2205	2235	2305	2335
1	6.60L	5.74L	5.50L	6.50L	5.75F	6.50F	5.50F	6.55F	7.30F	6.50F	-	-	-	-	-	-
2	6.74L	6.75L	6.98L	6.75L	6.50F	6.55F	6.05F	5.25F	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	6.50L	7.05L	6.55L	6.50L	5.75F	9.00F	8.90F	-	5.76F	5.70F	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	6.52L	5.75L	5.75L	5.49L	5.90F	6.00F	5.75F	5.80F	-	-	-	-	-	-	-	-

CHARACTERISTIC. MES

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE. CHANTARU
LOCAL STANDARD TIME

DAY /HR	0	30	105	135	205	235	305	335	405	435	505	535	605	635	705	735
1	-	-	-	-	F	-	F	F	F	F	F	-	-	-	116	115
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	115
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	115
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	115
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	115
6	115	-	-	-	-	-	0°	0	0	0	0	0	-	-	5	115

CHARACTERISTIC. MES

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE. CHANTABURI
LOCAL STANDARD TIME

DAY	HR	035	055	085	095	1015	1055	1105	1155	1205	1235	1305	1335	1405	1455	1505	1535
1	133	131	131	131	131	131	131	131	131	132	132	132	133	135	131	135	135
2	132	130	130	131	131	131	131	131	131	131	131	131	132	132	135	131	131
3	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135
4	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132
5	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132
6	132	131	131	131	131	131	131	131	131	131	131	131	131	131	131	131	131

CHARACTERISTIC. M ES

IONOSPHERIC DATA VERTICAL INCIDENCE																	
MAY, 1966																	
SITE, CHANTABURI																	
LOCAL STANDARD TIME																	
DAY	LOCAL	1635	1655	1705	1735	1805	1835	1905	1935	2005	2035	2105	2135	2205	2235	2305	2335
1		101	101	106	105	103	102	104	101	-	-	-	-	-	-	-	-
2		101	101	100	100	101	101	101	101	105	100	-	-	-	-	-	-
3		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4		101	102	102	102	101	100	100	-	102	102	102	-	-	-	-	-
5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6		105	105	105	105	105	102	100	-	-	-	-	-	-	-	-	-

IV IONOSPHERIC DATA

C. Prachuab

Pages 100 through 120 present ionospheric data for the month of June 1966.

Pages 121 through 141 present ionospheric data for the month of July 1966.

Pages 142 through 160 present ionospheric data for the month of August 1966.

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE
JUNE, 1966

SITE. PRACHAUB
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	5.60	5.19	4.80	C	C	C	C	6.82R
6	5.10	6.46	C	C	C	C	C	C
7	7.20	5.84	4.74	C	C	C	C	7.20R
8	6.46	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	7.67R	5.49R	C	C	C	C	C	7.60
11	7.20	5.68	C	C	C	C	C	7.60R
12	6.50	C	C	C	C	C	C	6.49
13	6.00R	C	C	C	C	C	C	6.95R
14	C	C	C	C	C	C	C	7.20
15	C	C	C	C	C	C	C	6.70
16	C	C	C	C	C	C	C	7.60R
17	C	C	C	C	C	C	C	7.54R
18	C	C	C	C	C	C	C	6.80
19	C	C	C	C	C	C	C	7.00R
20	5.12	C	C	C	C	C	C	6.04
21	6.15	5.60	C	C	C	C	C	6.94
22	C	4.95	5.00	C	C	C	C	7.02R
23	5.20	C	4.70	C	C	C	C	6.65
24	7.90	C	C	C	C	C	C	6.60
25	C	7.65	5.60	C	C	C	C	7.65R
26	7.95	C	C	C	C	C	C	6.55
27	C	6.12	C	C	C	C	C	7.65
28	4.85	C	C	C	C	C	C	6.45
29	C	C	C	C	C	C	C	6.50
30	C	C	6.40	5.18	C	C	C	6.76
MEDIAN	6.15	5.15	4.86	...	...	...	...	6.94
S.D. MED	1.07	1.13	4.76	...	...	...	...	6.44
L QUART	5.12	5.62	5.60	...	...	...	...	6.57
U QUART	7.20	5.30	1.00	...	...	...	...	7.37
RANGE	2.08	6.00	1.00	3.00	0	0	13.00	1.00
BLANK	1.00	.10	.19	.15	0	0	0	.56
ES	.13	.47	.65	.52	0	0	0	0
SPRD F	.39							

CHARACTERISTIC. FOFZ

IONOSPHERIC DATA
VERTICAL INCIDENCE
JUNE, 1966

SITE- PRACHAUB
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	7.80	7.00	6.97	7.05	7.12	7.10	7.50	9.90
5	C	6.98	6.70	6.45	7.90	7.20	C	8.12R
6	8.10R	6.90	6.98	7.25	6.65	7.20	7.50	10.00
7	C	7.90R	8.00R	7.20	7.50	7.20	7.55	8.20R
8	7.10	7.95R	C	7.72	7.64	7.20	7.20	7.50
9	8.44	9.00	C	7.00	7.00	7.00	7.20	8.00R
10	C	8.60	7.70	7.17	7.17	8.12R	8.50	C
11	7.70	7.00	7.60	6.24	6.90	C	6.74	8.40
12	7.66	7.00	6.50	C	7.30	7.38	7.55	7.04
13	8.40	9.80R	C	7.00	7.00	7.50	7.40	7.90
14	7.90	7.56	7.20	7.00	7.00	7.50	7.40	7.99
15	8.20	C	C	C	C	C	C	9.30
16	8.00	8.00	8.06	7.55	7.70	8.10	8.60	9.32R
17	9.04R	8.80	7.90	6.80	7.83	C	7.90	8.60R
18	7.99	8.60	7.55	7.50	7.50	7.44	8.00	9.20
19	7.53	C	C	C	C	C	C	9.20
20	8.12	C	6.96	6.95	6.99	6.93	C	7.35
21	8.00	7.66	C	6.94	6.94	C	C	C
22	7.85	8.04R	6.95	6.60	6.55	C	6.95	7.20
23	8.00R	8.40	7.14	6.05	6.50	C	6.95	7.30
24	7.85	7.10	C	C	C	C	6.40	9.90
25	8.40	9.04R	9.02R	8.40	7.30	7.95	7.14	7.95
26	7.70	8.00	C	6.98	7.30	C	8.00	C
27	8.52R	8.90	8.60	6.73	7.60	C	8.00R	7.90
28	8.30R	7.56	6.98	C	C	C	7.90	7.80
29	C	C	C	6.73	C	C	8.00R	8.00
30	7.95R	7.80	7.27	7.00	7.84R	7.50	8.00R	C
MEDIAN	8.00	7.95	7.27	7.00	7.30	7.41	7.60	8.00
S.D. MED	.46	.78	.66	.59	.43	.37	.54	.97
U. QUART	7.70	7.56	6.97	6.76	6.36	7.20	7.20	7.85
L. QUART	8.40	8.80	7.90	7.37	7.97	7.60	8.00	9.20
RANGE	.70	1.24	.93	.61	.71	.40	.80	1.35
BLANK	0	0	0	0	0	0	0	0
ES	.96	.96	1.00	1.00	1.00	1.00	1.00	.00
SPRD F	0	0	0	0	0	0	0	0

CHARACTERISTIC. F0F2

IONOSPHERIC DATA
VERTICAL INCIDENCE

JUNE, 1966

SITE. PRACHAUB
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	C	C	C	C	C	C	C	C
2	10.66	11.08	10.80R	9.72R	8.40	9.00	7.97R	6.73
3	8.88R	9.10R	9.40	10.10R	9.02R	6.94R	5.95R	5.10
4	10.60R	10.60R	10.00R	10.00R	7.90R	8.00R	8.40R	7.65R
5	8.40R	10.60R	8.28R	7.80	7.86R	7.97	7.12R	6.50
6	8.60R	9.00R	9.92R	9.96R	8.80	7.90R	6.70	F
7	8.40	C	C	C	C	7.90R	F	F
8	8.64R	8.88R	9.20R	9.00R	8.10	7.65R	7.11R	7.40
9	8.40	9.00R	9.10R	9.10	8.56	7.90	7.05	8.00
10	8.80	9.32R	9.96R	9.10R	9.08R	C	7.90R	7.00
11	7.92	8.80R	10.20	8.80R	7.65R	C	6.76	6.70
12	8.40	8.80R	9.40	10.10R	8.40	6.95	5.34	4.80
13	8.60R	9.50R	9.10	9.90R	9.90R	8.40R	C	C
14	10.00	10.00R	9.10	10.20R	10.72R	5.50	F	F
15	10.20	10.00	11.00R	9.40R	F	F	C	C
16	8.80	10.80	11.80R	9.60R	5.96	4.95	C	C
17	10.00R	9.90R	9.86R	9.12R	7.90	6.96	7.08R	F
18	9.96R	-	C	C	9.72R	9.88R	6.57R	4.65
19	-	-	8.90	9.90R	9.91R	F	F	F
20	7.56R	8.48R	9.12R	9.90R	8.96	7.90	7.65	6.90
21	C	9.66	11.00	9.90R	7.90	9.80	C	C
22	8.10	8.92	9.90	9.90R	7.90	7.98	6.30R	5.50
23	8.30R	8.90	8.46	9.20	8.42	7.80	7.30	9.80
24	9.12	8.00	8.20	8.36R	10.00R	11.10	F	F
25	8.60	10.00	8.20	9.30	7.95	7.50	7.30	6.70
26	8.60	9.20R	9.98R	10.00	9.92R	7.60	7.10	7.06
27	8.00	8.96R	9.40	9.30	10.24R	7.95	5.30	4.90
28	8.32	9.00R	9.24	10.16R	8.00R	7.90R	F	F
29	-	-	-	9.40R	9.20R	7.90R	7.86R	8.16R
30	-	-	-	-	-	-	-	-
MEDIAN	8.60	9.10	9.00	9.76	8.68	7.90	7.10	6.78
S.D. MED	.88	.83	.86	.64	1.06	1.29	.82	1.22
U. QUART	9.36	8.90	9.11	9.12	7.98	6.96	6.57	5.30
L. QUART	9.54	9.96	9.99	9.98	9.82	7.98	7.65	7.52
RANGE	1.10	1.06	.88	.86	1.84	1.02	1.08	2.22
BLANK	0	0	0	0	0	0	0	0
ES	.81	.63	.58	.54	.44	.23	.16	.30
SPRD F	0	0	0	0	.14	.12	.24	.32

CHARACTERISTIC. H FGF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

JUNE, 1966

SITE. PRACHAUB
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705	
1	0000	0000	0000	0000	0000	0000	0000	0000	
2	0000	0000	0000	0000	0000	0000	0000	0000	
3	0000	0000	0000	0000	0000	0000	0000	0000	
4	0000	0000	0000	0000	0000	0000	0000	0000	
5	0000	0000	0000	0000	0000	0000	0000	0000	
6	0000	0000	0000	0000	0000	0000	0000	0000	
7	0000	0000	0000	0000	0000	0000	0000	0000	
8	0000	0000	0000	0000	0000	0000	0000	0000	
9	0000	0000	0000	0000	0000	0000	0000	0000	
10	0000	0000	0000	0000	0000	0000	0000	0000	
11	0000	0000	0000	0000	0000	0000	0000	0000	
12	0000	0000	0000	0000	0000	0000	0000	0000	
13	0000	0000	0000	0000	0000	0000	0000	0000	
14	0000	0000	0000	0000	0000	0000	0000	0000	
15	0000	0000	0000	0000	0000	0000	0000	0000	
16	0000	0000	0000	0000	0000	0000	0000	0000	
17	0000	0000	0000	0000	0000	0000	0000	0000	
18	0000	0000	0000	0000	0000	0000	0000	0000	
19	0000	0000	0000	0000	0000	0000	0000	0000	
20	0000	0000	0000	0000	0000	0000	0000	0000	
21	0000	0000	0000	0000	0000	0000	0000	0000	
22	0000	0000	0000	0000	0000	0000	0000	0000	
23	0000	0000	0000	0000	0000	0000	0000	0000	
24	0000	0000	0000	0000	0000	0000	0000	0000	
25	0000	0000	0000	0000	0000	0000	0000	0000	
26	0000	0000	0000	0000	0000	0000	0000	0000	
27	0000	0000	0000	0000	0000	0000	0000	0000	
28	0000	0000	0000	0000	0000	0000	0000	0000	
29	0000	0000	0000	0000	0000	0000	0000	0000	
30	0000	0000	0000	0000	0000	0000	0000	0000	
MEDIAN	0000	0000	0000	0000	0000	0000	0000	0000	
S.D. MED	0000	0000	0000	0000	0000	0000	0000	0000	
L QUART	0000	0000	0000	0000	0000	0000	0000	0000	
U QUART	0000	0000	0000	0000	0000	0000	0000	0000	
RANGE	0000	0000	0000	0000	0000	0000	0000	0000	

CHARACTERISTIC. H FOFZ

IONOSPHERIC DATA
VERTICAL INCIDENCE
JUNE, 1966

SITE. PRACHAUB
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	400	440	450	455	440	C	395
5	C	400	450	455	455	440	C	384
6	320	360	450	455	455	444	430	380
7	340	380	444	440	450	440	C	371
8	-	370	350	400	450	455	430	360
9	305	330	-	450	455	455	430	440
10	-	350	450	450	440	450	435	350
11	345	357	450	440	440	400	360	400
12	-	-	450	450	450	440	440	440
13	310	320	455	450	450	440	450	435
14	350	380	-	C	440	435	410	400
15	-	-	380	440	440	-	-	-
16	-	-	380	340	370	-	380	350
17	-	334	430	444	440	C	415	420
18	320	330	350	C	440	440	420	350
19	-	-	-	-	-	-	-	360
20	345	C	405	450	450	445	-	-
21	-	-	C	450	440	-	C	C
22	350	365	400	415	456	C	-	-
23	-	360	405	450	462	C	-	-
24	-	-	-	-	-	-	-	410
25	-	-	350	440	C	440	430	435
26	-	-	C	432	-	C	-	-
27	-	-	-	-	-	-	-	-
28	-	350	-	-	-	-	-	-
29	C	C	C	C	-	-	-	-
30	-	384	360	372	380	440	-	440
MEDIAN	340	360	405	444	450	442	425	392
S.D. MED	18.78	24.09	39.37	32.28	25.99	13.46	29.99	35.99
L QUART	315	337	370	432	440	440	395	360
U QUART	347	380	450	450	455	449	436	435
RANGE	32	43	80	18	15	9	41	75

CHARACTERISTIC. H FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE
JUNE, 1966

SITE. PRACHAUB LOCAL STANDARD TIME							
DAY /HR	1605	1705	1805	1905	2005	2105	2205
1	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C
3	350						
4	355						
5	360						
6	348						
7	360						
8	360						
9	400						
10	350						
11	-						
12	370						
13	380						
14	360						
15	-						
16	-						
17	350	320					
18	320						
19	350						
20	-						
21	-						
22	C						
23	-						
24	360						
25	-						
26	-						
27	-						
28	-						
29	-						
30	-						
MEDIAN	360	..	..	..	..	..	..
S.D. MED	17.37	..	..	..	..	..	..
.. QUART	350	..	..	..	..	..	..
.. QUART	360	..	..	..	..	..	..
RANGE	10	..	..	..	..	..	..

CHARACTERISTIC, FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE
JUNE, 1966

SITE, PRACHAU
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	0000	0000	0000	0000	0000	0000	0000	0000
2	0000	0000	0000	0000	0000	0000	0000	0000
3	0000	0000	0000	0000	0000	0000	0000	0000
4	0000	0000	0000	0000	0000	0000	0000	0000
5	0000	0000	0000	0000	0000	0000	0000	0000
6	0000	0000	0000	0000	0000	0000	0000	0000
7	0000	0000	0000	0000	0000	0000	0000	0000
8	0000	0000	0000	0000	0000	0000	0000	0000
9	0000	0000	0000	0000	0000	0000	0000	0000
10	0000	0000	0000	0000	0000	0000	0000	0000
11	0000	0000	0000	0000	0000	0000	0000	0000
12	0000	0000	0000	0000	0000	0000	0000	0000
13	0000	0000	0000	0000	0000	0000	0000	0000
14	0000	0000	0000	0000	0000	0000	0000	0000
15	0000	0000	0000	0000	0000	0000	0000	0000
16	0000	0000	0000	0000	0000	0000	0000	0000
17	0000	0000	0000	0000	0000	0000	0000	0000
18	0000	0000	0000	0000	0000	0000	0000	0000
19	0000	0000	0000	0000	0000	0000	0000	0000
20	0000	0000	0000	0000	0000	0000	0000	0000
21	0000	0000	0000	0000	0000	0000	0000	0000
22	0000	0000	0000	0000	0000	0000	0000	0000
23	0000	0000	0000	0000	0000	0000	0000	0000
24	0000	0000	0000	0000	0000	0000	0000	0000
25	0000	0000	0000	0000	0000	0000	0000	0000
26	0000	0000	0000	0000	0000	0000	0000	0000
27	0000	0000	0000	0000	0000	0000	0000	0000
28	0000	0000	0000	0000	0000	0000	0000	0000
29	0000	0000	0000	0000	0000	0000	0000	0000
30	0000	0000	0000	0000	0000	0000	0000	0000
31	0000	0000	0000	0000	0000	0000	0000	0000
MEDIAN	0000	0000	0000	0000	0000	0000	0000	0000
S.D. MED	0000	0000	0000	0000	0000	0000	0000	0000
L. QUART	0000	0000	0000	0000	0000	0000	0000	0000
U. QUART	0000	0000	0000	0000	0000	0000	0000	0000
RANGE	0000	0000	0000	0000	0000	0000	0000	0000

CHARACTERISTIC. FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE

JUNE, 1966

SITE. PRACHAUB
LOCAL STANDARD TIME

DAY /HR	095	905	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	5.02	5.03	5.05	5.01	5.02	5.06	5.02	5.04
7	-	5.05	5.05	5.02	5.01	5.05	5.01	5.02
8	-	5.05	5.02	5.01	5.11	5.05	5.05	4.99
9	-	-	-	5.01	4.96	5.01	4.95	C
10	-	5.02	-	5.02	5.02	5.01	5.01	5.05
11	5.00	-	5.01	5.02	5.02	5.01	5.03	5.02
12	-	5.05	5.01	5.02	5.01	5.02	5.03	-
13	5.02	5.01	5.02	5.02	5.01	5.01	5.01	5.00
14	5.03	5.01	5.01	5.02	5.02	5.01	5.05	5.01
15	-	-	5.02	5.01	5.01	5.03	-	5.06
16	-	5.01	5.02	5.01	5.01	5.02	-	-
17	5.02	5.01	5.01	5.01	5.02	5.03	-	C
18	-	5.01	5.01	5.01	5.01	-	-	-
19	5.01	C	5.03	5.01	5.03	5.02	-	5.05
20	-	-	5.02	5.01	5.03	-	-	-
21	5.00	5.02	5.02	5.01	5.03	-	-	-
22	-	5.02	5.00	5.01	5.02	C	-	-
23	-	5.02	5.00	5.03	5.02	C	-	5.05
24	-	5.02	5.01	5.02	-	-	-	5.02
25	-	5.02	5.01	5.02	C	5.03	5.00	-
26	-	5.03	-	-	-	C	-	-
27	-	5.03	-	-	-	-	-	-
28	-	C	-	-	-	-	-	5.01
29	-	5.03	5.02	5.04	5.06	5.02	-	-
30	-	-	5.02	-	-	-	-	-
MEDIAN	5.02	5.02	5.02	5.02	5.01	5.02	5.01	5.02
S.D. MED	.01	.02	.01	.01	.04	.03	.03	.03
L. QUART	5.00	5.02	5.01	5.01	5.01	5.02	5.01	5.00
U. QUART	5.02	.01	.01	.02	5.02	5.05	5.03	5.03
RANGE	.02	.01	.01	.01	.01	.03	.02	.03

CHARACTERISTIC. FUF1

IONOSPHERIC DATA
VERTICAL INCIDENCE
JUL, 1966

SITE. PRACHAUB
LOCAL STANDARD TIME

DAY	MP	1605	1705	1805	1905	2005	2105	2205	2305
1	C	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C	C
4	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
5	5.02	5.02	5.02	5.02	5.02	5.02	5.02	5.02	5.02
6	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
7	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
8	C	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C	C
12	5.02	5.02	5.02	5.02	5.02	5.02	5.02	5.02	5.02
13	5.02	5.02	5.02	5.02	5.02	5.02	5.02	5.02	5.02
14	5.01	5.01	5.01	5.01	5.01	5.01	5.01	5.01	5.01
15	C	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C	C
17	5.02	5.02	5.02	5.02	5.02	5.02	5.02	5.02	5.02
18	5.01	5.01	5.01	5.01	5.01	5.01	5.01	5.01	5.01
19	C	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C	C
24	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
25	C	C	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C	C
MEDIAN		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
S.D. MED		.01	.01	.01	.01	.01	.01	.01	.01
L QUART		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
U QUART		5.02	5.02	5.02	5.02	5.02	5.02	5.02	5.02
RANGE		.02	.02	.02	.02	.02	.02	.02	.02

CHARACTERISTIC. H FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE

JUNE, 1966

SITE. PRACHAU
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	0000	0000	0000	0000	0000	0000	0000	0000
2	0000	0000	0000	0000	0000	0000	0000	0000
3	0000	0000	0000	0000	0000	0000	0000	0000
4	0000	0000	0000	0000	0000	0000	0000	0000
5	0000	0000	0000	0000	0000	0000	0000	0000
6	0000	0000	0000	0000	0000	0000	0000	0000
7	0000	0000	0000	0000	0000	0000	0000	0000
8	0000	0000	0000	0000	0000	0000	0000	0000
9	0000	0000	0000	0000	0000	0000	0000	0000
10	0000	0000	0000	0000	0000	0000	0000	0000
11	0000	0000	0000	0000	0000	0000	0000	0000
12	0000	0000	0000	0000	0000	0000	0000	0000
13	0000	0000	0000	0000	0000	0000	0000	0000
14	0000	0000	0000	0000	0000	0000	0000	0000
15	0000	0000	0000	0000	0000	0000	0000	0000
16	0000	0000	0000	0000	0000	0000	0000	0000
17	0000	0000	0000	0000	0000	0000	0000	0000
18	0000	0000	0000	0000	0000	0000	0000	0000
19	0000	0000	0000	0000	0000	0000	0000	0000
20	0000	0000	0000	0000	0000	0000	0000	0000
21	0000	0000	0000	0000	0000	0000	0000	0000
22	0000	0000	0000	0000	0000	0000	0000	0000
23	0000	0000	0000	0000	0000	0000	0000	0000
24	0000	0000	0000	0000	0000	0000	0000	0000
25	0000	0000	0000	0000	0000	0000	0000	0000
26	0000	0000	0000	0000	0000	0000	0000	0000
27	0000	0000	0000	0000	0000	0000	0000	0000
28	0000	0000	0000	0000	0000	0000	0000	0000
29	0000	0000	0000	0000	0000	0000	0000	0000
30	0000	0000	0000	0000	0000	0000	0000	0000
MEDIAN	0000	0000	0000	0000	0000	0000	0000	0000
S.D. MED	0000	0000	0000	0000	0000	0000	0000	0000
L. QUART	0000	0000	0000	0000	0000	0000	0000	0000
U. QUART	0000	0000	0000	0000	0000	0000	0000	0000
RANGE	0000	0000	0000	0000	0000	0000	0000	0000

CHARACTERISTIC. H POF.

IONOSPHERIC DATA
VERTICAL INCIDENCE
JUNE, 1966

SITE. PRACHAUB
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C
MEDIAN	0	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0	0
L. QUART	0	0	0	0	0	0	0	0
U. QUART	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

CHARACTERISTIC. H FOPI

IONOSPHERIC DATA
VERTICAL INCIDENCE

JUNE, 1966

SITE. PRACHAU
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
MEDIAN								
S.D. MED								
L. QUART								
U. QUART								
RANGE								

CHARACTERISTIC. F0ES

IONOSPHERIC DATA
VERTICAL INCIDENCE
JUNE, 1966

SITE: PRACHAU
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	F	5.79F	-	C	F	C	C	C
5	-	-	-	F	F	C	C	-
6	-	-	-	F	F	C	C	10.600
7	-	-	-	F	F	C	C	7.60L
8	-	-	-	F	F	C	C	11.200
9	-	-	-	F	F	C	C	7.00L
10	-	-	-	F	F	C	C	6.40L
11	-	-	-	F	F	C	C	7.96L
12	-	-	-	F	F	C	C	7.19L
13	-	-	-	F	F	C	C	-
14	-	-	-	F	F	C	C	-
15	C	C	C	C	C	6.49F	5.60L	7.96L
16	C	C	C	C	C	7.00F	7.40L	7.19L
17	C	C	C	C	C	7.00F	6.10L	-
18	C	C	C	C	C	C	C	7.05L
19	C	C	C	C	C	C	C	-
20	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	C	C	C	C	C	11.000	10.000	7.00L
24	6.99F	C	C	C	C	C	C	7.00L
25	6.54F	5.50F	6.30F	C	C	7.05F	8.30L	6.90L
26	6.60F	6.50F	5.70F	C	C	7.00F	C	8.00L
27	-	F	6.00F	6.60F	6.65F	6.54F	C	6.50L
28	-	-	-	-	-	-	C	5.95L
29	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-
MEDIAN	5.57	...	5.85	...	...	...	...	7.00
S.D. MEJ	124	...	115	...	...	...	...	1.57
L QUART	6.79	...	6.00	...	...	...	...	6.60
U QUART	6.79	...	6.00	...	...	...	...	7.96
RANGE	3.50	5.74	7.15	...	...	7.05	6.54	1.56

CHARACTERISTIC. PGES

IONOSPHERIC DATA
VERTICAL INCIDENCE
JUNE, 1966

SITE. PRACHAUB
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	7.55L	7.14L	7.55L	11.32L	11.08L	9.80L	16.00L	6.97L
5	C	8.10L	7.50L	9.80L	8.00L	7.85L	C	7.20L
6	6.10L	10.00L	8.20L	11.60L	7.98L	C	9.00L	9.00L
7	5.00L	7.00L	9.10L	8.80L	7.98L	C	C	7.70L
8	10.46L	6.70L	5.99L	8.60L	10.20L	7.50L	7.95L	7.70L
9	-	-	15.00L	8.20L	7.88L	10.96L	8.20L	6.50L
10	15.60L	8.40L	7.05L	11.80L	11.00L	7.15L	10.60L	C
11	5.90L	8.00L	9.40L	7.20L	6.60L	C	6.60L	6.60L
12	11.20L	6.50L	13.00L	10.00L	8.90L	C	11.80L	8.20L
13	7.50L	7.65L	16.80L	C	8.80L	7.50L	6.50L	-
14	6.50L	6.90L	7.50L	10.60L	8.00L	7.65L	7.50L	6.50L
15	10.96L	14.50L	16.80L	17.20L	19.12L	19.96L	16.40L	10.10L
16	7.60L	6.96L	7.80L	9.10L	11.20L	11.20L	10.40L	8.00L
17	6.50L	6.50L	7.80L	7.68L	9.88L	C	7.20L	-
18	6.20L	7.12L	7.50L	C	7.88L	7.70L	7.20L	7.50L
19	7.90L	9.92L	12.40L	18.80L	18.20L	16.80L	16.00L	11.10L
20	7.90L	C	7.80L	8.50L	8.00L	12.20L	16.16L	15.30L
21	6.90L	7.50L	C	8.90L	9.90L	16.30L	16.10L	15.60L
22	6.20L	7.50L	7.20L	7.50L	7.90L	C	C	C
23	6.98L	7.60L	7.86L	11.96L	11.20L	C	11.90L	11.00L
24	7.20L	10.60L	17.30L	19.96L	19.20L	18.40L	17.60L	16.00L
25	7.56L	10.60L	11.92L	14.60L	C	18.30L	18.60L	9.20L
26	9.30L	7.80L	C	14.60L	10.30L	15.96L	9.40L	7.65L
27	9.32L	14.00L	18.00L	19.96L	14.80L	C	17.20L	19.80L
28	7.30L	8.20L	12.00L	16.30L	12.40L	17.40L	17.30L	11.80L
29	C	C	C	C	11.96L	15.30L	11.00L	11.20L
30	7.00L	7.00L	11.40L	9.10L	13.50L	7.00L	6.50L	7.05L
MEDIAN	7.37	7.62	8.62	10.30	10.20	11.10	10.80	8.20
S.D. MED	2.30	2.32	4.24	4.17	3.69	4.66	4.25	3.95
L. QUART	6.25	7.00	7.50	8.56	8.00	7.60	7.72	7.20
U. QUART	8.90	9.16	12.70	13.28	12.70	16.62	16.13	11.20
RANGE	2.65	2.16	5.20	4.70	4.70	9.02	8.41	4.00

CHARACTERISTIC. F0ES

IONOSPHERIC DATA
VERTICAL INCIDENCE
JUNE, 1966

SITE: PRACHAUB
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	-	-	9.40F	7.65F	9.40F	C	C	6.95F
4	11.02G	-	6.75F	6.50F	5.70F	-	-	-
5	6.78L	6.60L	7.50F	-	-	-	-	-
6	6.98L	-	-	-	-	-	-	-
7	7.08L	-	-	-	-	-	-	-
8	5.91L	C	15.10G	13.00G	8.10F	6.00F	-	-
9	7.17L	6.80L	8.10F	6.30F	-	-	-	-
10	10.84G	7.06L	-	-	3.40F	-	-	-
11	6.59L	-	-	-	-	-	-	-
12	-	S	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	7.05L	6.70F	7.00F	-	-	-	-
15	11.20G	10.80G	7.00F	7.10F	5.90F	-	-	-
16	7.98L	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	5.91L	7.20L	C	C	-	-	6.00F	5.90F
19	9.31L	3.43L	8.90F	7.55F	7.05F	6.55F	6.64F	-
20	7.05L	7.96L	6.50F	6.97F	6.95F	5.34F	-	-
21	17.00G	4.98L	-	-	-	-	-	-
22	C	7.01L	4.65F	6.50F	6.98F	-	-	5.00F
23	6.95L	7.61L	-	-	-	-	-	-
24	11.50G	7.61L	8.00F	5.90F	-	-	6.60F	7.00F
25	11.16G	7.61L	N	-	-	-	-	6.80F
26	9.40L	7.75L	-	-	6.20F	7.00F	-	-
27	11.21L	7.61L	6.65F	6.73F	6.50F	6.00F	5.60F	-
28	11.00G	9.00L	7.80F	7.96F	5.55F	-	-	-
29	11.10G	11.00G	5.98F	-	-	-	-	-
30	15.00G	17.22G	15.72G	5.92F	6.00F	5.62F	-	-
MEDIAN	9.35	7.60	7.50	6.85	6.45	6.00	6.50	6.60
S.D. MED	2.89	2.71	3.09	1.75	1.09	.49	.44	.71
L QUART	6.98	7.02	6.70	6.50	5.95	5.24	5.80	5.30
U QUART	11.16	8.20	8.50	7.55	7.61	6.55	6.62	7.37
RANGE	4.18	1.18	2.20	1.05	1.06	.61	.32	1.47

CHARACTERISTIC. H ES

IONOSPHERIC DATA
VERTICAL INCIDENCE
JUNE, 1966

SITE: PRACHAUB
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100
7	100	100	100	100	100	100	100	100
8	100	100	100	100	100	100	100	100
9	100	100	100	100	100	100	100	100
10	100	100	100	100	100	100	100	100
11	100	100	100	100	100	100	100	100
12	100	100	100	100	100	100	100	100
13	100	100	100	100	100	100	100	100
14	100	100	100	100	100	100	100	100
15	100	100	100	100	100	100	100	100
16	100	100	100	100	100	100	100	100
17	100	100	100	100	100	100	100	100
18	100	100	100	100	100	100	100	100
19	100	100	100	100	100	100	100	100
20	100	100	100	100	100	100	100	100
21	100	100	100	100	100	100	100	100
22	100	100	100	100	100	100	100	100
23	100	100	100	100	100	100	100	100
24	100	100	100	100	100	100	100	100
25	100	100	100	100	100	100	100	100
26	100	100	100	100	100	100	100	100
27	100	100	100	100	100	100	100	100
28	100	100	100	100	100	100	100	100
29	100	100	100	100	100	100	100	100
30	100	100	100	100	100	100	100	100
31	100	100	100	100	100	100	100	100
MEDIAN	100	100	100	100	100	100	100	100
S.D. MED	2.89	1.75	3.25	1.75	1.75	3.25	2.70	2.00
L QUART	100	100	100	100	100	100	100	100
U QUART	100	100	100	100	100	100	100	100
RANGE	5	5	8	5	5	5	5	5

CHARACTERISTIC. H ES

IONOSPHERIC DATA
VERTICAL INCIDENCE
JUNE, 1966

SITE. PRACHAU
LOCAL STANDARD TIME

DAY /HR	005	905	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	105	102	103	102	99	100	102	103
5	102	100	99	100	100	100	100	101
6	102	100	100	100	99	100	100	99
7	100	102	102	100	100	100	100	100
8	101	101	100	100	101	100	100	100
9	101	100	100	100	100	100	100	100
10	101	100	100	100	100	100	100	100
11	100	100	100	100	100	100	100	100
12	100	100	100	100	100	100	100	100
13	100	100	100	100	100	100	100	100
14	100	100	100	100	100	100	100	100
15	100	100	100	100	100	100	100	100
16	100	100	100	100	100	100	100	100
17	100	100	100	100	100	100	100	100
18	100	100	100	100	100	100	100	100
19	99	102	100	100	100	100	100	102
20	102	100	101	100	100	100	100	101
21	103	101	100	100	100	99	100	100
22	102	100	100	100	100	100	100	100
23	101	100	100	100	100	100	100	100
24	104	100	97	95	95	100	100	100
25	105	100	100	95	95	99	95	95
26	100	104	100	100	100	99	95	95
27	97	95	95	93	95	95	95	95
28	97	90	95	93	95	95	95	95
29	97	90	95	93	95	95	95	95
30	102	100	100	100	100	100	100	100
MEDIAN	101	100	100	100	100	100	100	100
S.D. MED	1.97	2.61	1.77	2.63	2.87	1.38	2.92	3.59
L. QUART	100	100	100	100	99	100	100	99
U. QUART	102	101	100	100	100	100	100	101
RANGE	2	1	0	1	1	1	2	2

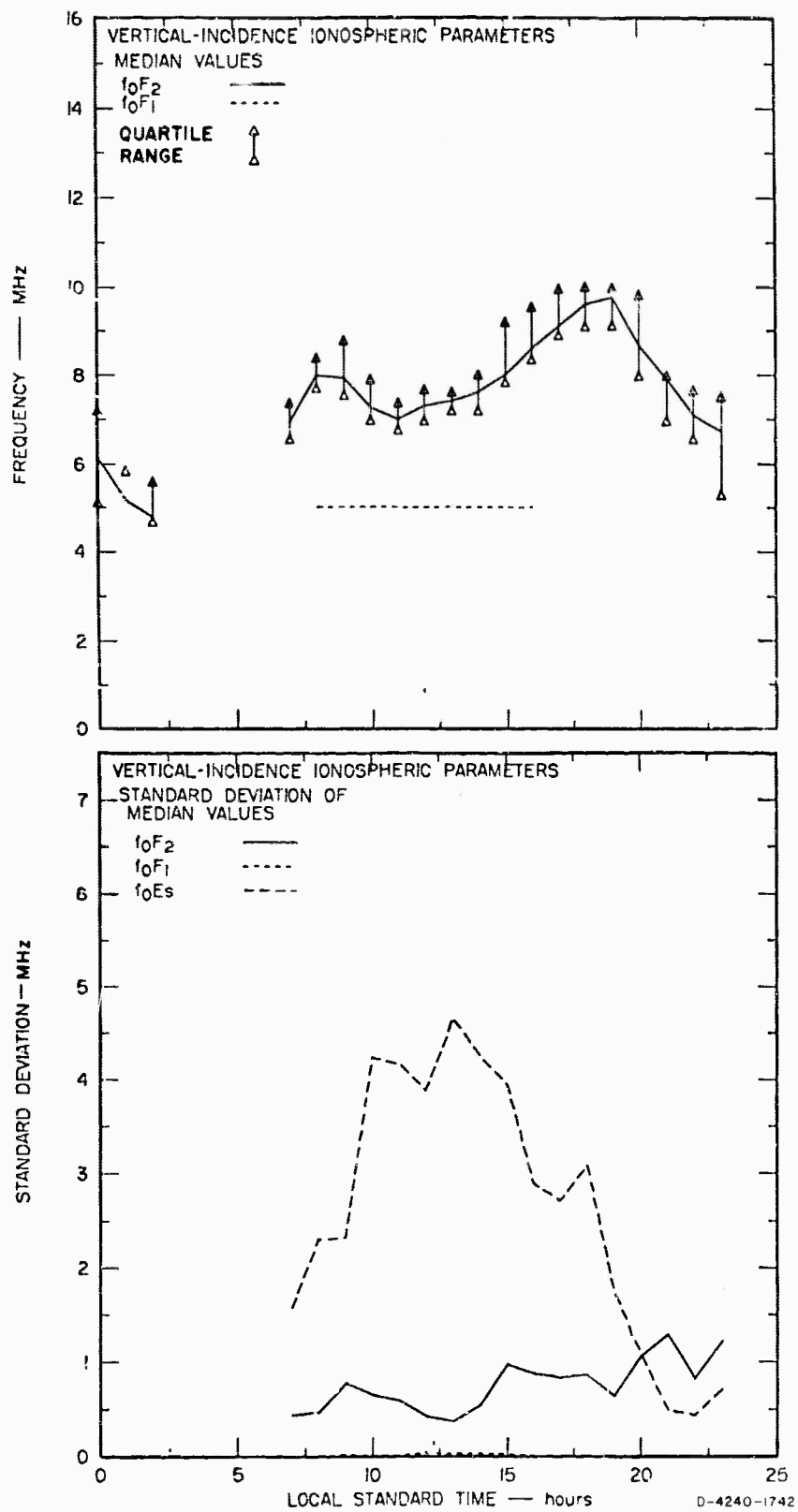
CHARACTERISTIC. H ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

JUNE, 1966

SITE. PRACHAUS
LOCAL STANDARD TIME

DAY /HR 1605	1705	1805	1905	2005	2105	2205	2305
1 C	C	C	C	C	C	C	C
2 C	C	C	C	C	C	C	C
3 -	-	-	-	-	-	-	-
4 100	101	101	101	101	101	101	106
5 98	99	99	99	100	100	100	106
6 100	101	101	101	101	101	101	106
7 100	101	101	101	101	101	101	106
8 102	101	101	101	101	101	101	106
9 103	101	101	101	101	101	101	106
10 102	101	101	101	101	101	101	106
11 -	-	-	-	-	-	-	-
12 -	-	-	-	-	-	-	-
13 -	-	-	-	-	-	-	-
14 -	-	-	-	-	-	-	-
15 99	100	102	102	100	100	100	100
16 100	98	99	99	100	100	100	100
17 -	-	-	-	-	-	-	-
18 100	101	101	101	101	101	101	100
19 101	101	101	101	101	101	101	100
20 102	101	101	101	101	101	101	100
21 97	106	106	106	106	106	106	100
22 C	107	105	105	100	100	100	100
23 94	104	105	105	100	100	100	100
24 100	104	105	105	100	100	100	100
25 101	104	105	105	100	100	100	100
26 100	95	106	106	100	100	100	100
27 95	95	95	95	100	100	100	100
28 95	95	95	95	100	100	100	100
29 97	98	101	101	100	100	100	100
30 100	98	97	97	100	100	100	100
MEDIAN	100	100	100	100	100	100	104
S.D. MED	2.46	3.50	2.78	3.01	2.24	1.00	6.59
U QUART	98	102	99	101	100	98	105
L QUART	101	102	101	101	101	100	105
RANGE	3	4	2	1	1	2	10



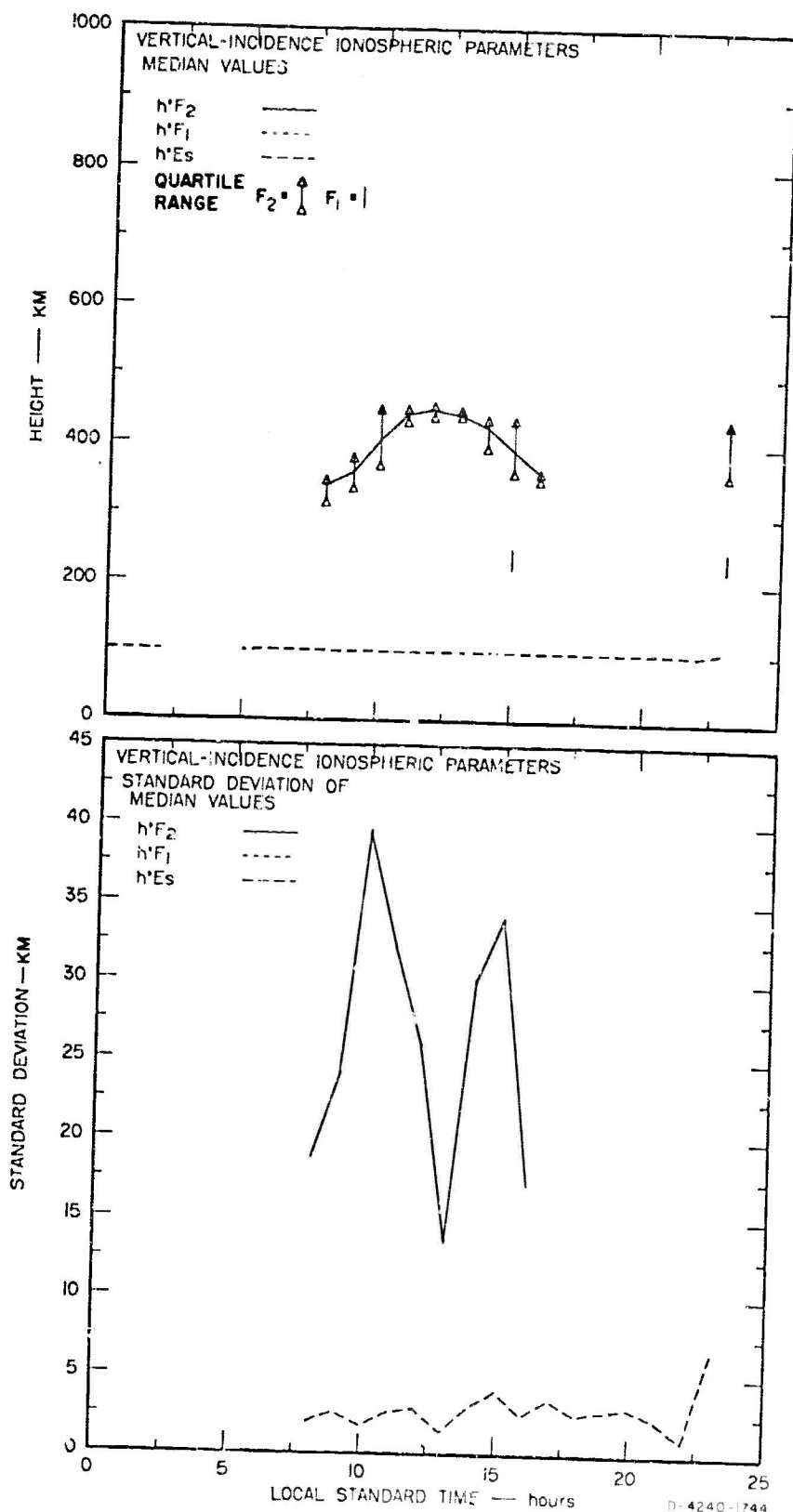


FIG. 12 VIRTUAL HEIGHT SUMMARY, PRACHAUB, JUNE, 1966

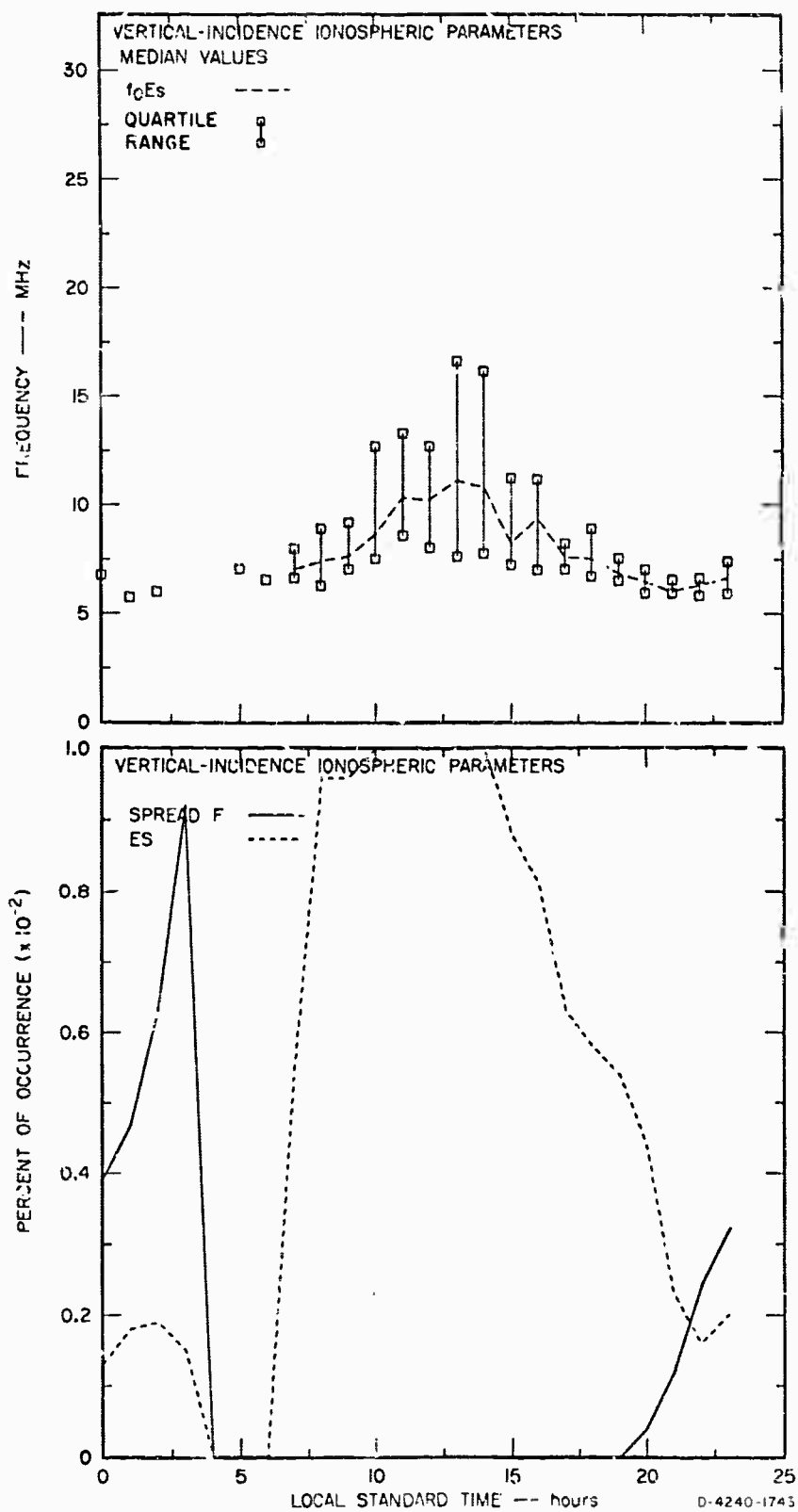


FIG. 13 SPORADIC E AND SPREAD F SUMMARY, PRACHAUB, JUNE, 1966

CHARACTERISTIC. FOR2

IONOSPHERIC DATA
VERTICAL INCIDENCE
JULY, 1966

SITE. PRACHAUB
LOCAL STANDARD TIME

DAY /HR	S	195	205	305	405	505	605	705
1	7.36R	6.99	6.05	4.96	C	C	C	7.34
2	7.00	5.90	C	C	C	C	C	6.68R
3	7.55R	6.06	5.29	C	C	C	C	6.62
4	7.60	6.20R	C	C	C	C	C	6.98R
5	6.49	5.84	C	C	C	C	C	7.00
6	C	C	C	C	C	C	C	F
7	C	4.96	C	C	C	C	C	6.22
8	5.94	C	C	C	C	C	C	C
9	6.00	5.94	C	C	C	C	C	7.50R
10	7.55R	6.90R	C	C	C	C	C	6.99
11	F	F	C	C	C	C	C	8.20R
12	F	F	C	C	C	C	C	7.00
13	5.20	6.00	4.60	C	C	C	C	6.64
14	6.60	5.20	C	C	C	C	C	7.45R
15	6.50R	5.20	C	C	C	C	C	C
16	5.95	4.60	C	C	C	C	C	6.20
17	5.10	5.20	C	C	C	C	C	6.55
18	5.10	4.60	C	C	C	C	C	5.60
19	6.00	5.20	C	C	C	C	C	6.24
20	5.95	5.20	C	C	C	C	C	5.80
21	5.10	4.60	C	C	C	C	C	6.55
22	5.10	5.20	C	C	C	C	C	6.30R
23	6.00	5.20	C	C	C	C	C	6.00
24	6.00	6.70	C	C	C	C	C	7.50R
25	8.40	6.70	C	C	C	C	C	6.44
26	5.50	6.70	C	C	C	C	C	7.70R
27	7.95R	6.70	5.10	C	C	C	C	7.55R
28	7.50R	6.10R	5.10	C	C	C	C	6.70
29	C	6.60R	C	C	C	C	C	7.64R
30	7.70R	6.50R	5.30	C	C	C	C	C
31	7.70R	6.50R	5.30	C	C	C	C	7.60
MEDIAN	6.70	6.00	..	...	...	...	...	6.80
S.D. MED	.95	6.71	...	...	...	...	...	6.62
U QUART	5.92	5.00	...	...	...	...	...	6.55
L QUART	7.56	6.60	5.24	...	...	...	...	7.50
RANGE	1.64	1.60	5.20	...	...	...	...	1.05
BLANK	1.00	1.70	8.00	6.00	5.00	20.00	20.00	..
ES	.04	.01	.20	.45	..	..	..	..
SPRO F	.32	.52	.71	.80	..	..	..	.04

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

JULY, 1966

SITE. PRACHAU
LOCAL STANDARD TIME

DAY /HR	005	905	1005	1105	1205	1305	1405	1505
1	8.96	8.60R	8.00R	-	-	-	-	8.00
2	7.20	7.05	7.20	-	-	-	7.95	7.10
3	7.60R	-	6.50	-	6.65	7.00	-	8.50
4	8.00	8.40	6.65	7.05	6.80	7.00	7.30	-
5	7.99	8.34R	6.60	6.40	6.90	6.99	7.00	8.00
6	7.95	7.00	6.65	6.55	7.06	7.90	6.40	7.40R
7	-	9.00	8.00	6.50	6.50	7.90	7.07R	6.70
8	7.48R	8.10	8.10R	6.55	7.30	7.90	6.60	7.95
9	8.40	7.86R	8.20	7.20	7.20	6.60	7.06	7.50
10	7.60	8.40	9.20	7.80	7.20	6.60	7.85	7.65
11	7.60R	8.24	9.90R	7.50	7.60	7.50	-	8.76R
12	8.51R	8.56R	7.20	6.55	6.50	6.90	6.50	-
13	8.56R	-	7.90	7.20	6.68	7.00	6.50	6.90
14	8.80R	7.90	7.20	7.50R	7.80R	7.00	7.10	7.10
15	8.24R	8.00	7.20	7.00	7.04	7.50	7.90	8.60
16	8.08R	7.10	6.65	6.55	-	-	7.80	8.00
17	7.96	9.10R	7.00	-	7.20	7.05	-	-
18	6.95	6.90	6.90	-	7.74	-	7.35	6.42
19	7.83R	7.98R	6.30	6.90	6.95	6.97	-	-
20	6.85	6.60	6.20	6.20	5.22	6.26	-	7.15
21	7.99R	7.00	6.20	6.70	-	7.60	7.80	8.00
22	7.10	7.25	6.20	6.90	6.60	6.80	7.26	7.92
23	7.70	8.30	7.10	9.10	8.10	8.36	8.95	9.00
24	9.00R	8.40	-	-	-	-	-	-
25	8.40R	8.70R	7.90	7.15	7.10	7.05	6.90	7.95
26	9.00	-	-	-	-	-	8.10	7.80
27	9.00R	9.96R	9.86	8.12	8.00	8.00	7.60	8.10
28	8.00R	8.10R	7.20	7.26	7.50	8.24	8.60	9.20
29	9.20	10.10R	10.30R	9.20R	7.94	8.00	8.96	8.90
30	-	-	-	-	-	-	-	-
31	9.96R	10.28R	8.10	7.20	7.20	6.26	8.90	8.92R
MEDIAN	8.00	9.10	7.20	7.05	7.10	7.05	7.20	7.97
S.D. MED	7.74	7.95	1.17	7.76	7.52	6.66	7.81	7.66
1. QUART	7.60	7.25	6.65	6.55	6.60	6.90	7.00	7.40
2. QUART	8.00	8.60	8.00	7.50	7.60	7.99	7.95	8.44
RANGE	1.20	1.35	1.35	1.35	1.92	1.01	1.04	1.04
BLANK	0	0	0	0	0	0	0	0
ES	0	0	0	0	0	0	0	0
SPAD F	0	0	0	0	0	0	0	0

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

JULY, 1966

SITE. PRACHAUB
LOCAL STANDARD TIME

DAY /HR	1505	1705	1805	1905	2005	2105	2205	2305
1	8.96R	9.00	9.18	10.00R	10.04R	8.80	7.10	6.00
2	C	8.80K	10.04R	10.12K	9.90R	9.60R	7.60	7.20R
3	-	9.76R	9.12R	9.70R	8.90	8.40	6.90K	6.60
4	-	-	9.00R	10.00R	9.00	7.00	5.50	5.50
5	8.68	9.96	9.00R	11.20	8.20	6.00	5.50	5.50
6	7.55R	6.50	8.60	C	8.40	C	C	C
7	7.00	7.60R	C	10.00R	7.60	7.00	6.60R	6.60R
8	8.50R	9.00	10.50	10.00R	8.20	5.60	C	C
9	8.90	9.08	9.20	10.00R	7.50	8.40	6.60K	6.60K
10	9.60	9.30R	9.20R	11.10	9.16	7.90	6.90	5.40
11	9.56R	10.20	11.10R	11.10	9.16	8.24	7.10	5.40
12	8.90	9.80R	9.20	10.40	9.20	8.24	6.45R	5.40
13	7.11R	9.00R	9.00R	9.80R	7.90R	8.00R	6.45R	5.40
14	8.00	8.00	8.00	9.20R	7.82	7.60R	6.45R	5.40
15	9.10	10.00R	10.00	10.30	8.80	7.60R	6.45R	5.40
16	9.10R	9.00R	9.30	9.90R	8.80	7.60R	6.45R	5.40
17	-	-	-	9.10	8.80	7.60R	6.45R	5.40
18	9.80	9.40R	9.30R	9.10	9.00	8.12	8.12	7.00
19	7.60	8.80	9.20R	10.00R	7.55	6.94	6.60	6.50R
20	7.80	8.10R	9.52R	8.80	9.20R	7.55R	6.60R	6.50R
21	8.16R	8.60	9.24	9.32R	8.40	8.00	6.40	6.50
22	8.40	8.96	10.00K	9.92R	8.30	7.90R	6.34	5.18
23	8.96R	8.20	8.60	9.88R	9.12	7.90R	7.05R	7.10R
24	-	7.03	9.88R	10.20R	9.40R	9.62	7.78R	7.10R
25	7.00	-	8.20R	9.60R	9.40R	7.98R	8.96	7.20R
26	-	-	9.20R	9.32R	8.26R	7.88R	8.96	7.20R
27	9.20	9.96	9.20R	9.80R	8.30	7.85	6.90	5.90
28	9.80R	9.90R	10.50R	9.80R	8.30	7.85	6.90	5.90
29	9.00	10.00R	9.12R	9.80R	8.30	7.85	6.90	5.90
30	C	C	10.00	10.10R	9.30R	8.16R	7.50R	6.50
31	9.50R	10.10	10.42	11.12	10.70R	9.30R	8.96R	8.20
MEDIAN	8.89	9.14	9.39	9.90	8.60	7.99	6.98	6.50
S.D. MED	0.89	0.34	0.84	0.79	0.16	1.05	0.92	1.37
L. QUART	7.90	8.20	9.08	9.00	8.05	7.55	6.95	6.03
U. QUART	9.09	9.90	10.04	10.11	9.18	8.40	7.69	7.15
RANGE	1.19	1.70	0.96	1.11	1.13	0.85	1.14	1.12
STDEV	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30
ES	0.76	0.67	0.43	0.41	0.34	0.14	0.11	0.11
SPRD F	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30

CHARACTERISTIC. M F0F2

IONOSPHERIC DATA
VERTICAL INCIDENCE

JULY, 1966

SITE. PRACHIN
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---
MEDIAN	5	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0	0
L. QUART	0	0	0	0	0	0	0	0
U. QUART	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

CHARACTERISTIC. H FOFZ

IONOSPHERIC DATA
VERTICAL INCIDENCE
JULY, 1966

SITE. PRAGMAD
LOCAL STANDARD TIME

DAY /HR	805	945	1005	1105	1205	1305	1405	1505
1	370	320	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	380	440	480	-	-	426
5	310	380	442	-	460	440	440	380
6	330	-	456	456	440	446	446	432
7	-	350	415	434	442	435	446	445
8	-	380	364	452	427	385	435	435
9	300	-	-	-	440	-	435	380
10	-	330	374	450	465	450	456	400
11	310	363	356	433	446	440	452	400
12	-	-	408	445	440	-	-	-
13	360	-	400	448	478	448	460	468
14	-	-	-	440	410	450	440	452
15	-	400	427	450	445	400	400	360
16	-	400	450	-	-	400	450	400
17	-	380	350	-	450	450	-	-
18	-	-	-	-	-	-	-	404
19	-	-	420	444	446	-	-	-
20	360	389	463	450	458	450	-	-
21	-	350	447	460	-	430	430	412
22	-	350	440	450	462	460	430	-
23	-	350	440	400	440	-	390	400
24	-	350	-	-	-	-	-	-
25	-	360	410	452	-	450	445	430
26	-	-	-	-	-	-	-	-
27	-	350	400	428	412	440	440	400
28	-	370	430	440	-	440	440	400
29	-	350	-	380	355	450	-	385
30	-	350	-	450	-	-	-	-
31	320	360	382	450	454	440	400	385
MEDIAN	320	360	410	446	445	444	440	408
S.E. QUART	22.08	20.43	34.79	19.59	25.11	19.04	10.31	27.80
L. QUART	310	350	380	437	440	440	430	394
U. QUART	345	390	440	450	456	450	445	433
RANGE	55	30	60	13	16	10	7	59

CHARACTERISTIC. H FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE
JUL 7, 1966

SITE. PRACHAU LOCAL STANDARD TIME		1705	1805	1905	2005	2105	2205	2305	
DAY /HR	1605								
1	-	-	-	-	-	-	-	-	
2	-	-	-	-	-	-	-	-	
3	-	-	-	-	-	-	-	-	
4	-	-	-	-	-	-	-	-	
5	350	-	-	-	-	-	-	-	
6	440	-	-	-	-	-	-	-	
7	-	-	-	-	-	-	-	-	
8	360	-	-	-	-	-	-	-	
9	-	325	-	-	-	-	-	-	
10	370	-	-	-	-	-	-	-	
11	350	340	-	-	-	-	-	-	
12	380	-	-	-	-	-	-	-	
13	400	-	-	-	-	-	-	-	
14	338	-	-	-	-	-	-	-	
15	356	-	-	-	-	-	-	-	
16	350	-	-	-	-	-	-	-	
17	-	-	-	-	-	-	-	-	
18	320	-	-	-	-	-	-	-	
19	-	-	-	-	-	-	-	-	
20	400	-	-	-	-	-	-	-	
21	-	-	-	-	-	-	-	-	
22	-	-	-	-	-	-	-	-	
23	300	-	-	-	-	-	-	-	
24	-	-	-	-	-	-	-	-	
25	400	-	-	-	-	-	-	-	
26	-	-	-	-	-	-	-	-	
27	350	-	-	-	-	-	-	-	
28	380	-	-	-	-	-	-	-	
29	360	-	-	-	-	-	-	-	
30	-	-	-	-	-	-	-	-	
31	340	-	-	-	-	-	-	-	
MEDIAN	364	..	..	..	..	..	..	..	
S.D. MED	27.76	..	..	..	..	..	..	..	
L. QUART	350	..	..	..	..	..	..	..	
U. QUART	380	..	..	..	..	..	..	..	
RANGE	30	..	..	..	..	..	..	..	

CHARACTERISTIC. F0F1

IONOSPHERIC DATA
VERTICAL INCIDENCE
JULY, 1966

SITE. PRACHAU
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705	
1	---	---	---	---	---	---	---	---	
2	---	---	---	---	---	---	---	---	
3	---	---	---	---	---	---	---	---	
4	---	---	---	---	---	---	---	---	
5	---	---	---	---	---	---	---	---	
6	---	---	---	---	---	---	---	---	
7	---	---	---	---	---	---	---	---	
8	---	---	---	---	---	---	---	---	
9	---	---	---	---	---	---	---	---	
10	---	---	---	---	---	---	---	---	
11	---	---	---	---	---	---	---	---	
12	---	---	---	---	---	---	---	---	
13	---	---	---	---	---	---	---	---	
14	---	---	---	---	---	---	---	---	
15	---	---	---	---	---	---	---	---	
16	---	---	---	---	---	---	---	---	
17	---	---	---	---	---	---	---	---	
18	---	---	---	---	---	---	---	---	
19	---	---	---	---	---	---	---	---	
20	---	---	---	---	---	---	---	---	
21	---	---	---	---	---	---	---	---	
22	---	---	---	---	---	---	---	---	
23	---	---	---	---	---	---	---	---	
24	---	---	---	---	---	---	---	---	
25	---	---	---	---	---	---	---	---	
26	---	---	---	---	---	---	---	---	
27	---	---	---	---	---	---	---	---	
28	---	---	---	---	---	---	---	---	
29	---	---	---	---	---	---	---	---	
30	---	---	---	---	---	---	---	---	
31	---	---	---	---	---	---	---	---	
MEDIAN	0	0	0	0	0	0	0	0	
S.D. MED	0	0	0	0	0	0	0	0	
L. QUART	0	0	0	0	0	0	0	0	
U. QUART	0	0	0	0	0	0	0	0	
RANGE	0	0	0	0	0	0	0	0	

CHARACTERISTIC. FOF:

IONOSPHERIC DATA
VERTICAL INCIDENCE

JULY, 1966

SITE. PRACHAU
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1303	1405	1505
1	5.02	5.00	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	5.01	5.05	5.03	5.05	5.05	5.00	5.05	5.01
5	5.03	5.00	5.05	5.05	5.02	5.00	5.02	5.02
6	5.03	-	5.06	5.06	5.05	5.00	5.02	5.05
7	-	5.05	-	-	-	5.01	5.02	5.01
8	-	-	-	-	-	5.04	5.06	5.02
9	-	5.02	-	-	5.03	5.02	5.02	5.00
10	-	5.05	-	5.00	5.05	5.04	5.00	-
11	-	5.05	-	5.01	5.05	5.02	5.02	-
12	-	5.04	-	5.06	5.02	5.03	5.05	5.02
13	5.02	5.02	-	5.02	5.05	5.00	5.02	5.02
14	-	5.10	-	-	-	-	-	-
15	-	5.02	-	-	-	-	-	-
16	-	5.08	-	-	-	-	-	-
17	-	5.02	-	-	-	-	-	-
18	-	5.02	-	5.00	5.02	-	-	-
19	5.02	-	5.02	5.03	5.01	-	-	-
20	-	5.01	5.02	5.05	5.05	5.05	5.02	-
21	-	5.01	5.01	5.03	5.05	-	5.06	-
22	-	5.02	5.02	5.00	5.02	5.01	5.01	5.00
23	-	5.02	5.02	-	-	-	-	-
24	-	5.02	5.02	5.05	-	5.06	5.02	5.02
25	-	-	-	-	-	-	-	-
26	-	5.04	5.01	5.01	5.00	5.02	5.03	-
27	-	5.02	5.02	5.02	5.00	5.05	5.05	-
28	-	5.02	5.02	5.03	5.00	-	5.02	-
29	-	5.02	5.02	5.00	5.00	5.00	5.03	5.03
30	5.02	5.02	5.05	5.00	5.00	-	-	-
31	-	-	-	-	-	-	-	-
MEDIAN	5.02	5.02	5.02	5.03	5.02	5.02	5.03	5.02
S.D. MED	.01	.04	.02	.02	.02	.03	.02	.02
L. QUART	5.02	5.01	5.01	5.01	5.01	5.01	5.03	5.03
U. QUART	5.02	5.05	5.06	5.06	5.04	5.05	5.05	5.05
RANGE	0	.04	.05	.05	.03	.04	.01	.03

CHARACTERISTIC. F3F1

IONOSPHERIC DATA
VERTICAL INCIDENCE

JULY, 1966

SITE. PRACHAU
LOCAL STANDARD TIME

DAY /HR 1605	1705	1805	1905	2005	2105	2205	2305
1 -	-	-	-	-	-	-	-
2 -	-	-	-	-	-	-	-
3 -	-	-	-	-	-	-	-
4 -	-	-	-	-	-	-	-
5 5.00	-	-	-	-	-	-	-
6 5.05	-	-	-	-	-	-	-
7 -	-	-	-	-	-	-	-
8 -	-	-	-	-	-	-	-
9 -	-	-	-	-	-	-	-
10 5.02	-	-	-	-	-	-	-
11 5.04	-	-	-	-	-	-	-
12 5.03	-	-	-	-	-	-	-
13 5.02	-	-	-	-	-	-	-
14 5.05	-	-	-	-	-	-	-
15 5.02	-	-	-	-	-	-	-
16 -	-	-	-	-	-	-	-
17 5.02	-	-	-	-	-	-	-
18 -	-	-	-	-	-	-	-
19 -	-	-	-	-	-	-	-
20 -	-	-	-	-	-	-	-
21 -	-	-	-	-	-	-	-
22 5.01	-	-	-	-	-	-	-
23 -	-	-	-	-	-	-	-
24 5.02	-	-	-	-	-	-	-
25 -	-	-	-	-	-	-	-
26 5.00	-	-	-	-	-	-	-
27 5.02	-	-	-	-	-	-	-
28 -	-	-	-	-	-	-	-
29 5.02	-	-	-	-	-	-	-
30 -	-	-	-	-	-	-	-
31 5.03	-	-	-	-	-	-	-
MEDIAN 5.02	0	0	0	0	0	0	0
S.D. MED 5.01	0	0	0	0	0	0	0
L. QUART 5.02	0	0	0	0	0	0	0
U. QUART 5.05	0	0	0	0	0	0	0
RANGE .01	0	0	0	0	0	0	0

CHARACTERISTIC. H FOFI

IONOSPHERIC DATA
VERTICAL INCIDENCE
JULY, 1966

SITE. PRACHAU
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
MEDIAN								
S.D. MED								
L. QUART								
U. QUART								
RANGE								

CHARACTERISTIC. H FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE
JULY, 1966

SITE. PRACHAUB
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-
MEDIAN	0	0	0	250	234	260	250	250
S.D.	0	0	0	29.44	17.05	17.52	17.52	17.52
L. QUART	0	0	0	220	220	220	220	220
U. QUART	0	0	0	280	260	260	260	260
RANGE	0	0	0	60	40	40	40	40

CHARACTERISTIC. H FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE
JULY, 1966

SITE. PRACHAU
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-
MEDIAN	0	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0	0
L. QUART	0	0	0	0	0	0	0	0
U. QUART	0	0	0	0	0	0	0	0
RAISE	0	0	0	0	0	0	0	0

CHARACTERISTIC. FOES

IONOSPHERIC DATA
VERTICAL INCIDENCE

JULY, 1966

SITE. PRACHAUS
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	-	-	-	-	-	-	-	5.70L
2	-	-	-	-	-	-	-	6.05L
3	-	-	-	-	-	-	-	5.70L
4	-	-	-	-	-	-	-	F
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	7.00L
10	-	-	-	-	-	-	-	6.65L
11	-	-	-	-	-	-	-	6.00L
12	-	-	-	-	-	-	-	5.10L
13	-	-	-	-	-	-	-	6.55L
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	6.55L
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	6.95L
19	-	-	-	-	-	-	-	8.00L
20	-	-	-	-	-	-	-	6.10L
21	-	-	-	-	-	-	-	5.90L
22	-	-	-	-	-	-	-	6.00L
23	-	-	-	-	-	-	-	8.00L
24	-	-	-	-	-	-	-	6.00L
25	-	-	-	-	-	-	-	8.00L
26	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-
MEDIAN	...	...	...	...	6.00	5.70	...	6.57
S.D. MED	...	...	...	...	.92	1.33	...	5.85
L QUART	...	...	...	...	6.95	7.05	...	5.98
U QUART	...	...	...	...	6.91	7.05	...	6.95
Page	..	..	5.96	6.21	6.91	7.05	.03	1.05

CHARACTERISTIC. FOES

IONOSPHERIC DATA
VERTICAL INCIDENCE

JULY, 1966

SITE: PRACHA 7
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	7.30L	10.400	13.000	17.920	16.560	17.280	18.000	12.000
2	7.10L	6.98L	13.000	19.680	15.900	C	9.900	16.200
3	6.98L	9.10L	13.000	16.000	19.960	19.960	15.200	8.000
4	6.50L	7.50L	9.200	11.000	11.500	18.000	17.200	19.700
5	7.20L	7.40L	7.20L	8.10L	10.600	8.600	9.400	7.00L
6	7.00L	7.00L	7.30L	7.10L	10.900	12.600	11.860	10.600
7	C	11.200	11.060	17.800	14.600	14.000	12.000	11.200
8	7.00L	7.00L	9.40L	9.60L	9.80L	11.000	9.840	5.85L
9	5.90L	-	7.90L	10.000	17.640	17.300	7.90L	7.90L
10	6.90L	10.100	7.50L	11.280	11.720	13.500	13.500	7.10L
11	-	6.97L	7.50L	11.600	11.400	10.960	7.98L	8.80L
12	7.10L	10.320	11.400	10.000	10.800	17.200	16.600	17.600
13	-	C	9.70L	9.96L	12.400	11.840	12.400	14.000
14	7.65L	7.20L	9.20L	11.080	12.000	12.200	12.400	11.200
15	7.10L	7.05L	7.10L	7.55L	10.600	11.000	8.00L	6.10L
16	5.80L	7.80L	10.400	11.660	17.520	11.960	16.760	1.000
17	-	8.40L	10.800	15.960	16.500	C	18.260	3.990
18	7.95L	11.200	11.200	16.480	16.000	C	7.45L	7.45L
19	7.50L	8.20L	8.60L	12.400	10.900	15.920	15.900	18.000
20	6.05L	7.55L	11.700	11.300	11.000	15.000	17.200	16.000
21	6.46L	8.50L	5.30L	12.300	13.800	10.20L	10.800	7.66L
22	6.60L	7.90L	7.80L	11.200	12.400	15.200	11.200	11.960
23	6.20L	6.95L	C	11.800	10.000	10.480	11.000	11.960
24	8.12L	10.800	17.040	19.960	3.990	19.920	3.990	3.990
25	7.00L	10.100	10.600	11.400	-	11.200	11.400	11.600
26	7.00L	12.800	17.160	19.960	19.960	3.990	10.000	14.000
27	7.20L	7.54L	7.50L	10.920	10.000	11.600	8.50L	7.50L
28	7.50L	8.16L	11.200	11.400	19.960	13.000	11.920	16.000
29	9.40L	7.90L	8.76L	11.200	11.100	11.360	11.800	7.90L
30	-	C	C	C	C	C	C	C
31	7.50L	8.00L	11.320	11.200	11.460	11.200	11.800	8.90L
MEDIAN	7.10	7.95	9.70	11.70	11.50	12.00	11.30	10.00
S.D. MED	7.70	1.76	2.74	3.82	3.96	3.68	3.64	4.14
L QUART	6.55	7.15	7.90	11.20	10.70	11.10	9.07	7.50
U QUART	7.50	10.10	11.20	16.00	16.10	15.56	16.25	14.00
RANGE	.95	2.95	3.50	4.80	5.48	4.46	6.38	6.50

CHARACTERISTIC. FCS

IONOSPHERIC DATA
VERTICAL INCIDENCE
JULY, 1966

SITE. PRACHAU LOCAL STANDARD TIME								
DAY /HR	1935	1705	1805	1905	2005	2105	2205	2305
1	7.48L	7.90L	8.60F	6.00F	6.00F	-	-	-
2	16.68Q	-	7.78F	-	-	-	-	-
3	C	16.40Q	5.90F	-	-	-	-	-
4	19.96Q	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	8.80L	5.90L	-	-	-	-	-	-
7	16.00Q	16.30Q	C	C	C	C	C	C
8	4.86L	6.00L	8.80F	5.50F	-	7.00F	-	-
9	-	-	-	-	-	-	C	-
10	9.96L	-	-	-	-	-	C	-
11	6.68L	-	-	-	-	-	C	-
12	9.00Q	6.00L	-	9.10F	7.10F	5.90F	9.90F	-
13	13.00Q	6.70L	-	-	-	-	-	-
14	7.68L	-	-	-	-	-	-	-
15	-	7.00L	6.10F	7.05F	6.00F	5.70F	5.60F	6.00F
16	7.68L	5.90L	-	-	-	-	-	-
17	18.00Q	5.95Q	12.00Q	6.00F	5.60F	N	C	C
18	-	5.93L	-	-	-	-	-	-
19	15.96Q	7.85L	C	7.60F	6.00F	-	-	-
20	8.80L	6.61L	-	-	-	-	-	-
21	9.63L	9.83L	10.30F	8.00F	6.50F	-	-	-
22	7.95L	-	-	5.90F	6.00F	-	-	5.95F
23	8.20L	6.58L	-	-	-	-	-	-
24	3.90Q	13.50Q	8.92F	-	-	-	-	-
25	6.78L	11.00Q	6.45F	-	-	-	-	-
26	19.80Q	7.68Q	10.04Q	6.00F	5.60F	-	-	-
27	-	6.93L	11.20Q	6.00F	6.00F	-	-	-
28	14.60Q	11.80Q	11.10Q	5.90F	-	-	-	-
29	-	-	-	-	C	C	C	-
30	C	C	C	-	S	S	5.90F	8.10F
31	-	-	-	-	-	-	-	-
MEDIAN	9.90	6.95	8.86	6.00	6.00	5.80	5.90	6.00
S.D. MED	5.19	4.45	2.09	1.21	.42	.61	1.17	1.28
L QUART	7.60	6.25	6.52	5.95	6.00	5.70	5.60	5.95
U QUART	15.96	11.40	10.70	7.32	6.00	6.45	5.98	8.16
RANGE	8.36	5.15	4.18	1.57	0	.75	.50	2.21

CHARACTERISTIC. H ES

PARASPHERIC DATA
OPTICAL INCIDENCE

JULY, 1966

STATION. PRACHAUS
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-
MEDIAN	..	..	101	104	100	100	100	100
S.D. MED	..	..	2.50	3.34	2.52	2.40	2.64	2.64
L QUART	..	..	98	100	100	100	100	100
U QUART	..	..	103	107	105	101	100	102
RANGE	..	..	5	7	5	1	6	2

CHARACTERISTIC. HES

IONOSPHERIC DATA
VERTICAL INCIDENCE

JULY, 1966

SITE. PRACHAU
LOCAL STANDARD TIME

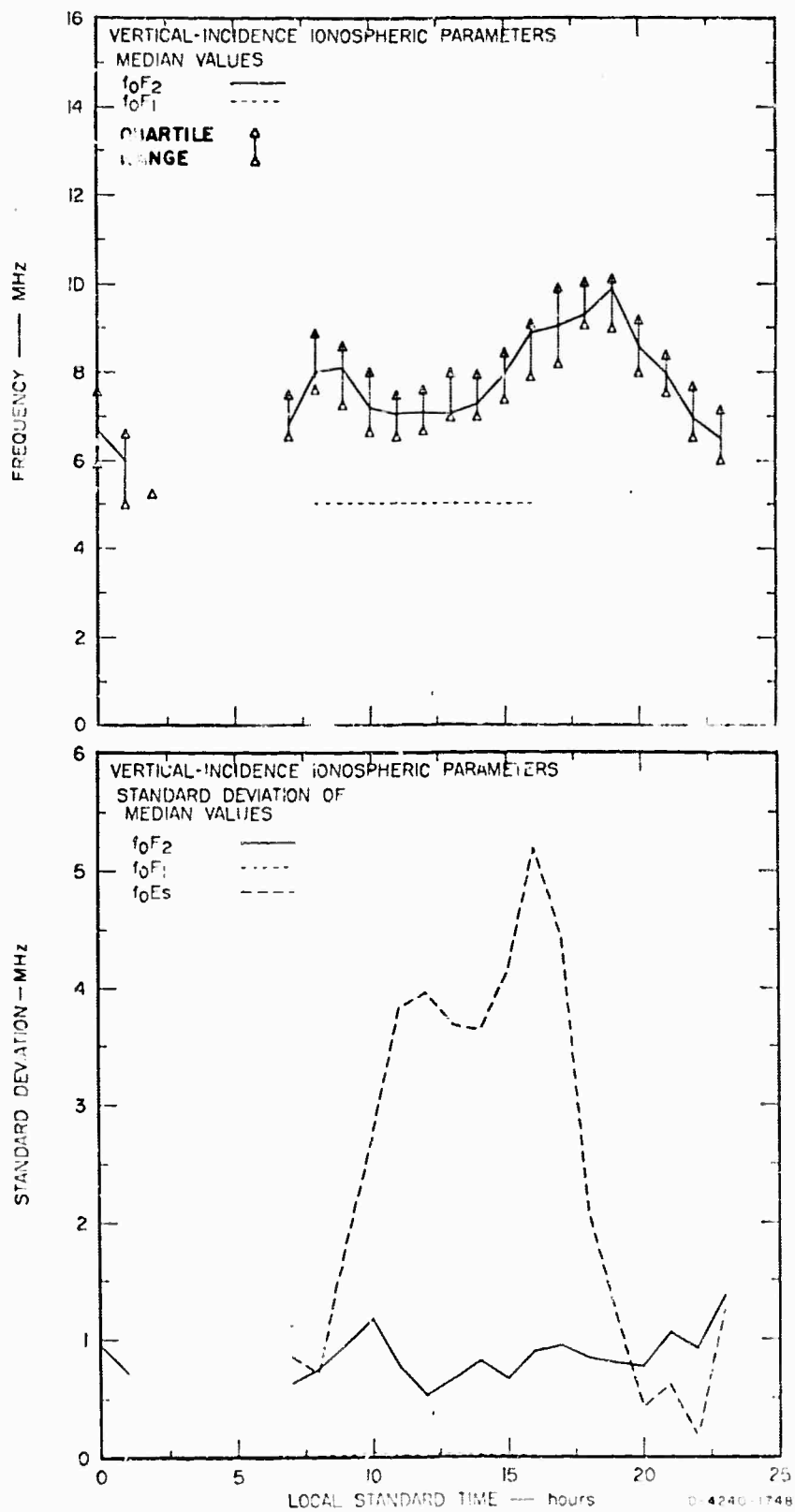
DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	100	90	100	97	100	100	99	90
2	99	101	101	101	99	C	99	90
3	98	100	100	100	100	100	100	90
4	101	100	100	97	100	100	98	90
5	100	101	100	100	100	99	100	100
6	103	90	100	100	100	100	100	100
7	C	100	100	95	100	100	99	90
8	100	100	101	100	100	90	100	101
9	100	100	100	100	100	100	100	100
10	100	100	100	99	100	100	97	100
11	100	100	100	100	100	100	100	100
12	100	100	100	96	100	100	99	100
13	100	100	100	90	100	100	90	100
14	98	100	100	100	100	100	100	100
15	100	100	100	100	100	100	100	100
16	100	100	100	100	100	100	100	100
17	100	100	100	100	100	100	100	100
18	100	100	100	100	100	100	100	100
19	100	100	100	100	100	100	100	100
20	100	100	100	100	100	100	100	100
21	100	100	100	100	100	100	100	100
22	100	100	100	100	100	100	100	100
23	100	100	100	100	100	100	100	100
24	100	100	100	100	100	100	100	100
25	100	100	100	100	100	100	100	100
26	100	100	100	100	100	100	100	100
27	100	100	100	100	100	100	100	100
28	100	100	100	100	100	100	100	100
29	100	100	100	100	100	100	100	100
30	100	100	100	100	100	100	100	100
31	100	100	100	100	100	100	100	100
MEDIAN	100	100	100	99	99	100	100	100
S.D. MED	1.06	1.59	1.50	1.67	1.50	1.73	1.50	1.10
U QUART	100	100	100	100	100	100	100	100
L QUART	100	100	100	100	100	100	100	100
RANGE	0	0	0	2	2	2	2	2

CHARACTERISTIC. MES

IONOSPHERIC DATA
VERTICAL INCIDENCE
JULY, 1966

SITE. PRACHAUB
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	98	-	101	-	-	-	-	-
2	96	99	98	100	100	-	-	-
3	-	-	105	-	-	-	-	-
4	95	97	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	101	100	-	106	-	106	-	-
7	100	100	-	-	-	-	-	-
8	118	111	105	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	100	-	-	-	-	-	-	-
11	100	-	-	-	-	-	-	-
12	100	101	-	90	94	93	110	-
13	100	97	-	-	-	-	-	-
14	100	-	-	-	100	100	-	-
15	-	100	102	94	90	100	102	102
16	100	100	-	95	100	-	-	-
17	100	100	100	-	100	-	-	-
18	-	102	-	100	100	-	-	-
19	100	100	-	-	-	-	-	-
20	100	100	-	100	100	100	-	-
21	100	100	100	95	100	-	-	-
22	100	100	-	112	110	-	-	100
23	100	100	100	-	-	-	-	-
24	100	98	100	-	-	-	-	-
25	98	100	100	-	100	-	-	-
26	100	100	100	100	100	-	-	-
27	-	100	100	100	100	-	-	-
28	100	98	100	100	-	-	-	-
29	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-
MEDIAN	100	100	100	100	100	100	100	100
S.D. MED	4.12	2.77	2.71	4.66	3.74	4.61	9.52	3.46
L. QUART	100	99	99	100	100	96	98	102
U. QUART	100	100	101	100	100	103	100	100
PAUSE	0	1	2	3	0	7	20	6



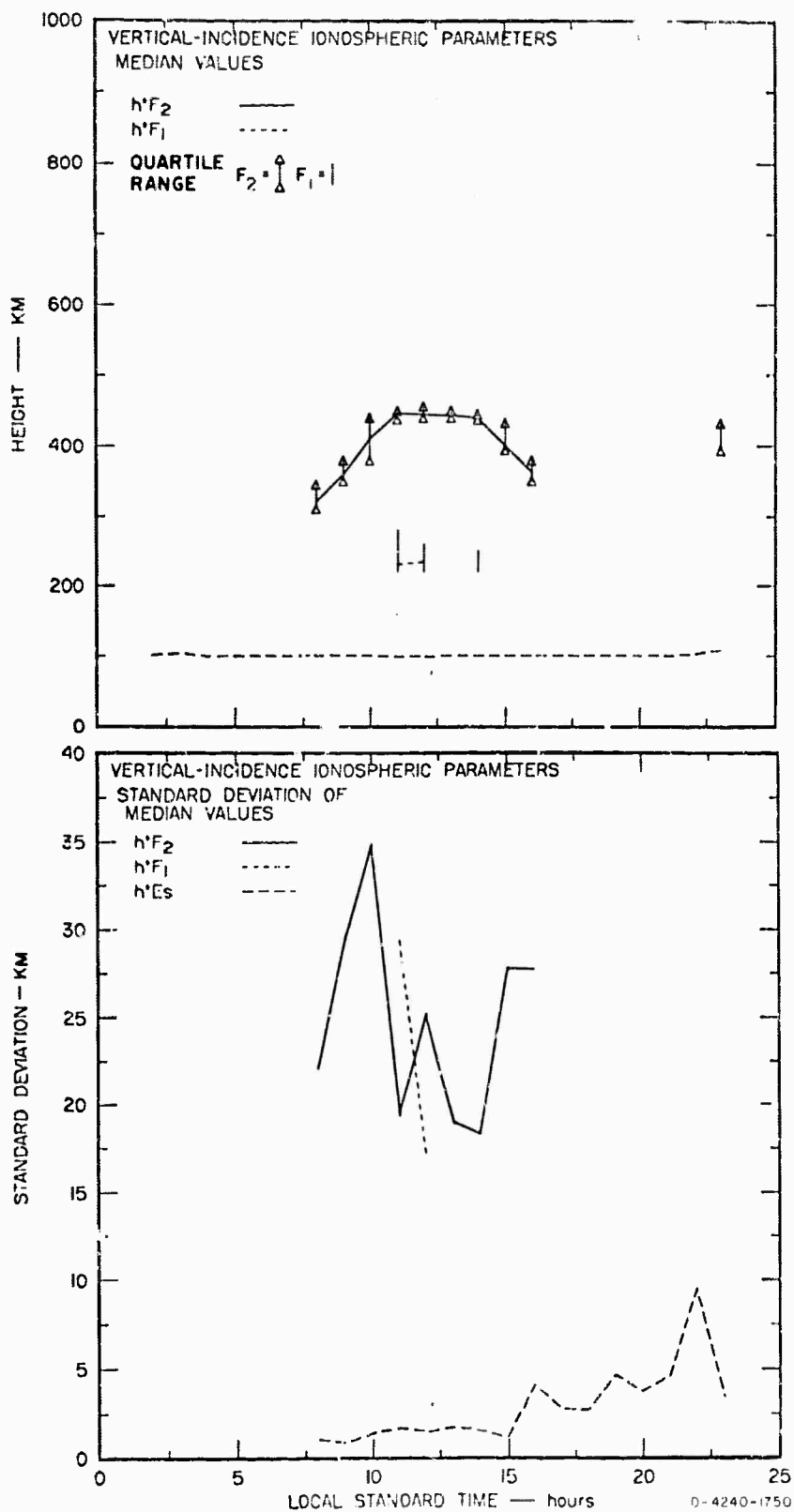


FIG. 15 VIRTUAL HEIGHT SUMMARY, PRACHAUB, JULY, 1966

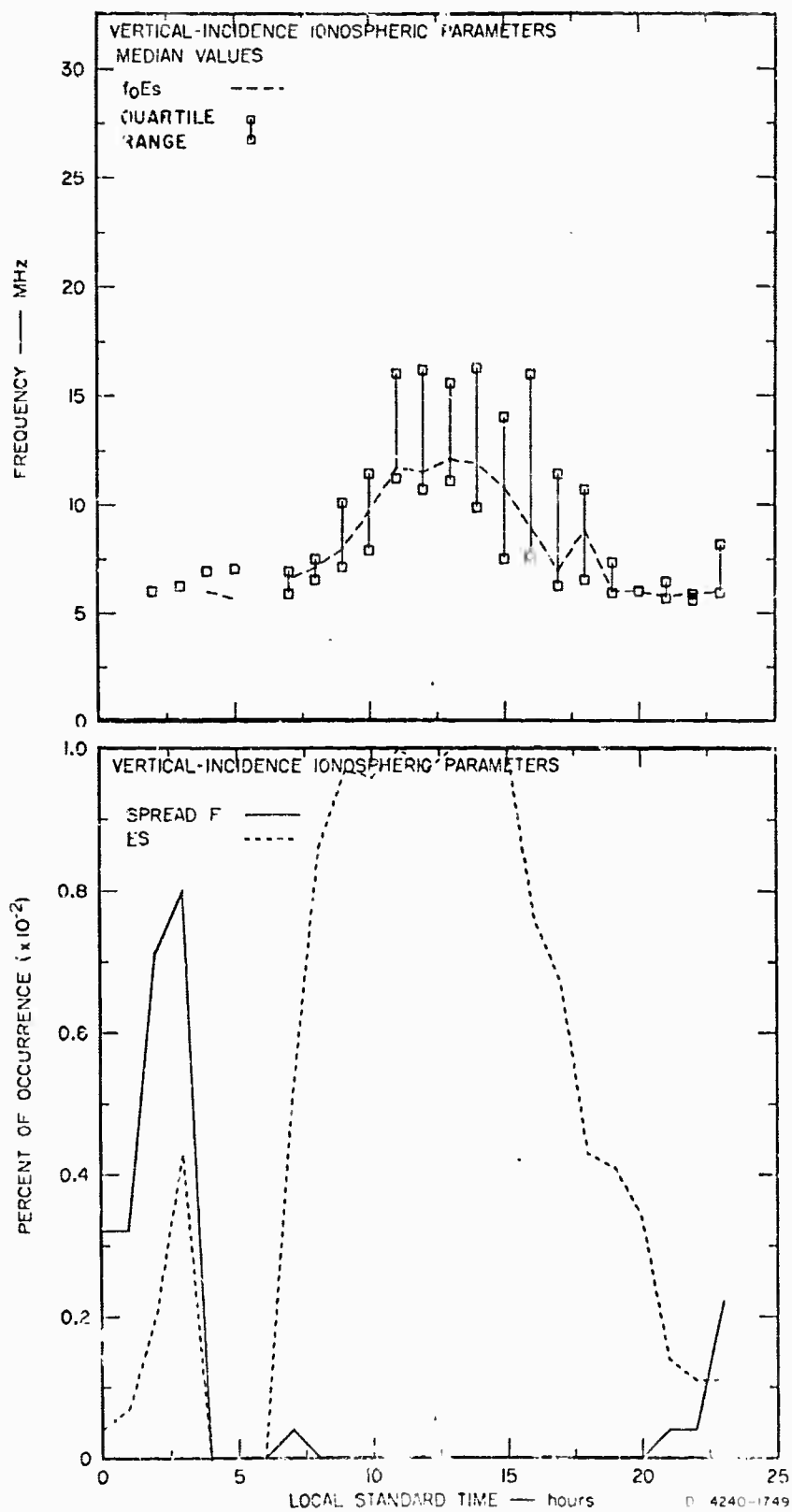


FIG. 16 SPORADIC E AND SPREAD F SUMMARY, PRACHAUB, JULY, 1966

CHARACTERISTIC: FOFZ

IONOSPHERIC DATA
VERTICAL INCIDENCE

AUG., 1966

SITE: PRACHAU
LOCAL STANDARD TIME

DAY	HR	S	185	205	305	405	505	605	705
1		F	8.80	6.20R	C	C	C	C	7.00
2	11.56	F	6.50R	5.60R	C	-	-	C	7.45R
3		F	F	F	F	F	F	C	7.05R
4		F	F	F	F	C	C	C	7.1J

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

AUG., 1966

SITE. PRACHAUB
LOCAL STANDARD TIME

DAY /HR	005	905	1005	1105	1205	1305	1405	1505
1	6.83R	8.80	7.10	9.96R	9.90R	9.80R	8.46	7.96R
2	8.90R	9.80	10.94R	7.00	6.66	9.90	9.90	5
3	8.00R	8.00R	7.22	7.98	7.55	7.40	7.40	-
4	8.40	9.00	8.48			C	8.20	8.90

CHARACTERISTIC. FOFZ

IONOSPHERIC DATA
VERTICAL INCIDENCE

AUG., 1966

SITE. PRACHAU
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	7.70	7.54R	8.56R	9.24R	8.40	7.52	8.48R	8.94
2	10.12	11.10R	11.96R	11.28R	9.96R	7.52	8.48R	8.94
3	7.95	7.46R	9.40R	10.72R	9.20R	8.20F	8.70F	8.70F
4								

CHARACTERISTIC. H FOFZ

IONOSPHERIC DATA
VERTICAL INCIDENCE

AUG., 1966

SITE. PRACHAUB
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	F	-	-	C°	C	C	C:C	-
3	F	F	-	C°	-	-	C:C	-
5	F	F	-	F	F°	F	C	-
7	F	F	-	F	-	-	-	-

CHARACTERISTIC. H F0F2

IONOSPHERIC DATA
VERTICAL INCIDENCE
AUG., 1966

SITE. PRACHAUB LOCAL STANDARD TIME									
DAY /HR	005	905	1005	1105	1205	1305	1405	1505	
1	-	350	400	-	-	-	-	410	
2	-	-	364	300	-	370	400	-	
3	-	-	440	-	-	-	-	-	
4	-	350	400	412	400	-	430	300	

CHARACTERISTIC. M F0F2

IONOSPHERIC DATA
VERTICAL INCIDENCE

AUG., 1966

SITE. PRACHAU
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	-	-	-	-	-	-	-	-
2	360	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	C	C	C	C	C	C	C	C

CHARACTERISTIC. FOR

IONOSPHERIC DATA
VERTICAL INCIDENCE

AUG., 1966

SITE. PRACHAU
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	F	-	-	C	C	C	C	-
2	-	-	-	C	-	-	C	-
3	F	F	F	F	F	F	C	-
4	F	F	F	F	C	C	C	-

CHARACTERISTIC. FOFI

IONOSPHERIC DATA
VERTICAL INCIDENCE

AUG., 1966

SITE. PRACHAUB
LOCAL STANDARD TIME

DAY /HR	005	905	1005	1105	1205	1305	1405	1505
1	-	5.01	5.06	5.07	-	5.05	5.02	5.03
2	-	-	5.03	5.07	-	5.05	5.02	5.03
3	-	-	5.00	5.02	-	5.05	5.02	5.03
4	-	5.05	5.06	5.02	5.06	5.05	5.02	5.01

CHARACTERISTIC. FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE

AUG., 1966

SITE. PRACHAUS
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	C	C	C	C	C	C	C	C

CHARACTERISTIC. H FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE

AUG., 1966

SITE. PRACHAUB
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	F	-	-	C	C	C	C	-
2	F	F	F	C	-	-	C	-
3	F	F	F	F	F	F	C	-
4	F	F	F	F	C	C	C	-

CHARACTERISTIC. H FOF1

LONGSPHERIC DATA
VERTICAL INCIDENCE
AUG., 1966

SITE. PRACHAUB LOCAL STANDARD TIME									
DAY /HR	805	905	1005	1105	1205	1305	1405	1505	
1	-	-	-	-	-	-	-	-	
2	-	-	240	-	-	250	-	-	
3	-	-	-	-	-	-	-	-	
4	-	-	-	-	215	-	225	-	

CHARACTERISTIC. H F0F1

IONOSPHERIC DATA
VERTICAL INCIDENCE

AUG., 1966

SITE. PRACHAU
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	C	C	C	C	C	C	C	C

CHARACTERISTIC. FOLK

IONOSPHERIC DATA
VERTICAL INCIDENT

AUG., 1966

SITE. PRACHAUS
LOCAL STANDARD TIME

DAY /HR	S	105	205	305	405	505	605	705
1	F	-	-	C	C	C	C	-
2	-	-	-	C	7.60F	7.50F	C	-
3	F	F	F	F	F	F	C	5.90L
4	F	F	F	F	F	F	C	-

CHARACTERISTIC. F0ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

AUG., 1966

SITE. PRACHAUB
LOCAL STANDARD TIME

DAY /HR	005	085	1005	1105	1205	1305	1405	1505
1	7.60L	7.70L	11.20Q	10.14Q	15.00Q	9.20Q	16.32Q	10.60Q
2	7.50L	8.40L	11.20Q	19.96Q	11.90Q	7.50L	5.80L	10.60Q
3	7.50L	10.90Q	11.96Q	16.00Q	15.96Q	17.64Q	15.00Q	16.40Q
4	6.56L	7.92L	11.50Q	11.00Q	11.00Q	C	8.50L	7.60L

CHARACTERISTIC. F0ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

AUG., 1966

SITE. PRACHAU
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	9.00L	6.94L	-	-	-	-	-	-
2	5.90L	6.00L	6.49F	-	-	-	-	-
3	16.240	6.00L	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-

CHARACTERISTIC. H ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

AUG., 1966

SITE. PRACHAUB
LOCAL STANDARD TIME

DAY /HR	S	105	205	305	405	505	605	705
1	F	-	-	C ^o	C	C	C ^o	-
2	F	F	F	C ^o	102	104	C ^o	-
3	F	F	F	F	F	F	C ^o	100
4	F	F	F	F	C ^o	C	C ^o	-

CHARACTERISTIC. H ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

AUG., 1960

SITE. PRACHAUB
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	100	100	97	100	100	100	98	100
2	100	98	100	97	98	95	105	100
3	101	100	100	100	95	100	100	100
4	100	100	100	100	100	100	100	100

CHARACTERISTIC. H ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

AUG., 1966

SITE. PRACHAU
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	100	106	-	-	-	-	-	-
2	100	103	103	-	-	-	-	-
3	100	100	-	-	-	-	-	-
4	C	C	C	C	C	C	C	C

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IV IONOSPHERIC DATA

D. Nakon Sawan

Pages 162 through 182 present ionospheric data for the month of June 1966.

Pages 183 through 203 present ionospheric data for the month of July 1966.

Pages 204 through 224 present ionospheric data for the month of August 1966.

Pages 225 through 245 present ionospheric data for the month of September 1966.

Pages 246 through 266 present ionospheric data for the month of October 1966.

Pages 267 through 288 present ionospheric data for the month of November 1966.

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

JUNE, 1966

SITE: NAZON SAHON
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	7.00	6.00	5.05	C	C	C	5.09	7.05
5	5.00	4.50	C	C	C	C	5.50	5.05
6	7.10R	5.90	C	C	C	C	C	7.10
7	5.60	C	C	C	C	C	C	6.00
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	7.10R	5.50	C	C	C	C	C	6.70
11	7.05	5.50	C	C	C	C	C	6.50
12	7.00	5.50	C	C	C	C	C	6.50
13	5.50	4.55	C	C	C	C	C	5.90
14	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	7.00R
17	C	C	C	C	C	C	C	7.40
18	C	C	C	C	C	C	C	6.10
19	C	C	C	C	C	C	C	6.50R
20	C	C	C	C	C	C	C	6.50
21	5.54	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	6.24
23	C	C	C	C	C	C	C	7.40
24	9.30	C	C	C	C	C	5.40R	9.60
25	5.95	5.90	C	C	C	C	C	7.55
26	6.50	C	C	C	C	C	C	6.20
27	C	C	C	C	C	C	C	5.60
28	C	C	C	C	C	C	C	5.50
29	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C
MEDIAN	6.50	5.50	5.00	4.00	3.00	3.00	...	6.50
S.D. MED	1.01	.33	...	...	...	...	...	6.50
L QUART	5.70	5.90	5.00	4.00	3.00	3.00	...	6.00
U QUART	7.07	5.94	5.00	4.00	3.00	3.00	...	7.10
MEAN	1.57	5.94	5.00	4.00	3.00	3.00	...	1.00
BLANK	1.00	5.00	5.00	4.00	3.00	3.00	...	1.50
ES	.10	.25	.25	.33	.33	.33	...	.31
SPRD F	.43	.82	.82	.80	.80	.80	...	.19

CHARACTERISTIC. POP2

IONOSPHERIC DATA
VERTICAL INCIDENCE

JUNE, 1966

SITE. NAKON SAKON
LOCAL STANDARD TIME

DAY /HR	005	045	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	7.70	6.40	9.70R	7.10	7.00	7.30	10.00R	10.00R
6	0.00R	10.00R	10.00R	6.20	0.00R	0.00R	9.00R	9.40
7	7.20	7.90R	10.00R	7.50	7.00R	0.00	7.00R	9.00R
8	6.30	0.00R	10.00R	10.00R	7.00R	0.00R	0.00R	10.00R
9	0.00	10.40R	10.00R	10.00R	0.00	7.60	7.50R	10.00R
10	0.00R	7.50R	10.00R	10.00R	10.00R	0.00R	10.00R	10.00R
11	7.50R	7.80R	10.00R	9.20R	10.00R	0.00R	10.00R	10.00R
12	7.05	7.70R	10.00R	7.00R	9.00R	0.00	7.00R	7.20
13	0.20R	9.70R	10.00R	7.00R	9.00R	0.20R	9.00R	0.20
14	7.60	0.20R	10.00R	7.00R	0.10R	9.00R	0.20	9.00R
15	0.20	9.00R	10.00R	0.10R	0.10R	0.00R	9.00R	10.00
16	0.00	9.00	10.00R	0.40	0.00	0.00R	9.00R	9.00
17	0.00	0.82	10.00R	7.90R	0.00R	0.20	0.00R	10.40
18	7.00	0.00	10.00R	0.36R	0.00R	0.00R	0.00R	10.40
19	7.15	0.00	10.00R	0.00R	0.00R	0.00R	0.00R	7.00R
20	7.40	0.00	10.00R	0.00R	0.00R	0.00R	0.00R	0.00
21	7.40	0.00R	10.00R	7.90	7.00	7.60R	0.00R	0.00
22	7.64	0.00R	10.00R	7.55	7.66R	7.60R	0.00R	0.00
23	6.95	7.05R	10.00R	7.65R	7.66R	7.60R	0.00R	0.00
24	7.90R	7.90R	10.00R	7.00R	7.00R	0.92	0.00R	0.00
25	7.31	7.90R	10.00R	7.00R	7.00R	0.00	0.00R	0.00
26	0.10	0.60R	10.00R	7.00	7.00	0.00R	0.00R	0.00
27	0.42	0.50	10.00R	7.00	7.00	0.00R	0.00R	0.00
28	7.68R	7.70R	10.00R	0.10R	7.30	0.00	0.00R	0.00
29	7.90	7.70R	10.00R	0.10R	7.30	0.00	0.00R	0.00
30	7.60R	7.60R	10.00R	0.10R	7.30	0.00	0.00R	0.00
MEDIAN	7.64	0.00	0.36	7.90	0.00	0.50	0.40	0.00
S.D. MED	0.42	0.95	0.36	0.00	0.61	0.64	0.06	0.91
1 QUART	7.25	7.00	7.00	7.55	7.00	0.00	7.99	0.25
3 QUART	8.00	0.76	9.31	0.40	0.30	0.96	9.40	10.00
RANGE	0.75	0.96	1.21	0.85	0.30	0.96	1.41	1.75
BLANK	0	0	0	0	0	0	0	0
ES	0.77	0.02	0.01	0.73	0.54	0.61	0.50	0.50
SPRD F	0.64	0	0	0	0.05	0.05	0	0

CHARACTERISTIC. F072

IONOSPHERIC DATA
VERTICAL INCIDENCE

JUNE, 1966

SITE. NAKON SALON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	10.00	11.00	10.10	10.00	10.70	9.00	7.50R	7.00
5	10.00R	10.00R	10.00R	11.00R	10.10R	8.00	F	5.75
6	10.00	9.00R	9.00	9.00R	9.00R	9.00R	10.00R	8.00R
7	9.72	10.00	10.00	10.00	10.00	8.00	6.50	5.70
8	9.00	10.00R	10.00R	10.10R	9.00R	8.00R	F	F
9	8.20R	9.00	10.00R	9.00	9.00R	7.20	7.10R	5.00
10	8.60	12.10R	9.00	10.00R	9.00R	7.20	6.00	5.90
11	9.52R	8.40R	11.00R	9.00R	8.20	6.10	5.30	5.00
12	8.20R	10.20R	11.20R	10.10	7.00R	6.95	6.15	5.00
13	9.55R	9.20R	9.00	10.00	10.00R	9.00	5.95	5.95
14	10.00	9.20R	9.00R	10.00R	10.00	9.00	C	C
15	11.00R	10.35R	9.00R	9.20	10.00	7.50R	C	C
16	C	11.20R	12.20	9.20	8.00R	6.60	F	F
17	9.20	10.00	12.00	11.00	5.00	7.05R	F	F
18	11.10	10.00	9.20	9.60	7.00	10.30	6.05	C
19	10.20	9.40	9.00	10.00R	10.00	10.30	7.90R	C
20	10.20	10.00R	8.00	9.10	10.20R	10.00R	7.30	6.45
21	8.95	10.10R	9.00	10.00	C	7.70R	6.00	6.40R
22	8.60	9.06	11.20	10.00	8.00R	5.50	4.71	4.00
23	9.00	9.30	10.00	9.20	9.00R	7.55R	5.90	7.00
24	9.10	9.40	9.10	9.20	9.20R	7.55	6.92R	F
25	10.00	9.90	9.30	9.10	F	F	9.20R	6.00
26	8.80	10.00	12.50R	10.60	7.55R	7.40R	5.40	6.40R
27	8.92	9.00	10.00	10.60R	9.00R	3.40	7.00	6.40R
28	9.00	9.20	10.00R	10.00	10.10	9.00	5.25R	C
29	C	10.00R	10.70R	10.00R	8.00R	8.00R	6.90R	F
30	C	10.00R	10.00R	10.40	10.40	9.00R	7.90R	7.60
MEDIAN	7.52	10.00	10.00	10.00	9.20	7.97	6.00	6.20
S.D. MED	1.78	1.13	1.05	1.76	1.13	1.13	1.36	1.05
L. QUART	8.94	9.40	9.60	9.50	8.95	9.12	5.92	5.00
U. QUART	10.00	10.10	11.00	10.70	10.00	9.00	7.40	7.00
RANGE	1.06	.70	1.40	1.20	1.15	1.88	1.48	1.20
BLANK	0	0	0	0	0	0	0	0
ES	.72	.67	.59	.56	.42	.30	.16	.27
SPRD F	0	0	0	0	.01	.04	.16	.27

**IONOSPHERIC DATA
VERTICAL INCIDENCE**

JUNE, 1966

**SITE. NAKON SAKON
LOCAL STANDARD TIME**

MELIAN
 S.D. MED
 L QUART
 U QUART
 RANGE

CHARACTERISTIC. H FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

JUNE, 1966

SITE. NAKON SAKON
LOCAL STANDARD TIME

DAY	HR	005	905	1005	1105	1205	1305	1405	1505
1		C	C	C	C	C	C	C	C
2		C	C	C	C	C	C	C	C
3		C	C	C	C	C	C	C	C
4		C	C	C	C	C	C	C	C
5		C	355	451	451	447	440	440	410
6		-	-	450	450	-	450	440	-
7		-	-	-	-	-	-	-	-
8		390	360	-	-	400	-	440	-
9		-	325	-	-	-	-	450	-
10		-	-	-	-	-	-	-	-
11		-	-	-	-	-	-	-	-
12		-	-	-	-	-	-	-	-
13		-	-	-	-	-	-	-	-
14		350	369	455	455	455	400	390	400
15		-	-	-	-	440	400	400	390
16		-	-	-	-	-	-	400	360
17		350	369	450	460	430	390	410	380
18		-	-	-	456	440	400	400	360
19		350	C	-	400	430	390	360	360
20		-	-	-	-	-	-	400	-
21	F	-	360	455	-	441	-	-	-
22	350	-	410	408	-	F	-	-	-
23	-	-	460	-	440	455	-	437	395
24	-	-	-	S	450	-	-	-	400
25	-	-	350	427	-	-	-	-	436
26	-	-	-	350	442	C	-	450	440
27	-	-	-	-	440	-	-	-	-
28	-	-	340	390	460	-	-	450	400
29	350	-	-	430	440	460	450	350	-
30	-	-	C	400	400	400	-	450	-
					450	450	-	-	C
MEDIAN	350		350	427	446	447	404	423	400
S.D. MED	16.33		37.96	39.90	34.04	17.15	28.81	34.63	27.21
1. QUANT	350		350	400	420	438	400	400	360
0. QUANT	350		369	455	450	452	440	450	410
RANGE	0		19	55	50	22	40	50	42

CHARACTERISTIC. H FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE
JUNE, 1966

SITE. NAKON SAWON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2115	2215	2305
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	400	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C
12	400	C	C	C	C	C	C	C
13	360	C	C	C	C	C	C	C
14	355	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C
17	400	C	C	C	C	C	C	C
18	350	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C
22	360	C	C	C	C	C	C	C
23	350	C	C	C	C	C	C	C
24	400	C	C	C	C	C	C	C
25	350	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C
MEDIAN	364	364	364	364	364	364	364	364
S.D. MED	26.16	26.16	26.16	26.16	26.16	26.16	26.16	26.16
L. QUART	350	350	350	350	350	350	350	350
U. QUART	400	400	400	400	400	400	400	400
RANGE	50	50	50	50	50	50	50	50

CHARACTERISTIC. FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE
JUNE, 1966

SITE. NAKON SAKON
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705	
1	00000	00000	00000	00000	00000	00000	00000	00000	
2	00000	00000	00000	00000	00000	00000	00000	00000	
3	00000	00000	00000	00000	00000	00000	00000	00000	
4	00000	00000	00000	00000	00000	00000	00000	00000	
5	00000	00000	00000	00000	00000	00000	00000	00000	
6	00000	00000	00000	00000	00000	00000	00000	00000	
7	00000	00000	00000	00000	00000	00000	00000	00000	
8	00000	00000	00000	00000	00000	00000	00000	00000	
9	00000	00000	00000	00000	00000	00000	00000	00000	
10	00000	00000	00000	00000	00000	00000	00000	00000	
11	00000	00000	00000	00000	00000	00000	00000	00000	
12	00000	00000	00000	00000	00000	00000	00000	00000	
13	00000	00000	00000	00000	00000	00000	00000	00000	
14	00000	00000	00000	00000	00000	00000	00000	00000	
15	00000	00000	00000	00000	00000	00000	00000	00000	
16	00000	00000	00000	00000	00000	00000	00000	00000	
17	00000	00000	00000	00000	00000	00000	00000	00000	
18	00000	00000	00000	00000	00000	00000	00000	00000	
19	00000	00000	00000	00000	00000	00000	00000	00000	
20	00000	00000	00000	00000	00000	00000	00000	00000	
21	00000	00000	00000	00000	00000	00000	00000	00000	
22	00000	00000	00000	00000	00000	00000	00000	00000	
23	00000	00000	00000	00000	00000	00000	00000	00000	
24	00000	00000	00000	00000	00000	00000	00000	00000	
25	00000	00000	00000	00000	00000	00000	00000	00000	
26	00000	00000	00000	00000	00000	00000	00000	00000	
27	00000	00000	00000	00000	00000	00000	00000	00000	
28	00000	00000	00000	00000	00000	00000	00000	00000	
29	00000	00000	00000	00000	00000	00000	00000	00000	
30	00000	00000	00000	00000	00000	00000	00000	00000	
31	00000	00000	00000	00000	00000	00000	00000	00000	
MEDIAN	00000	00000	00000	00000	00000	00000	00000	00000	
S.D. MED	00000	00000	00000	00000	00000	00000	00000	00000	
L QUART	00000	00000	00000	00000	00000	00000	00000	00000	
U QUART	00000	00000	00000	00000	00000	00000	00000	00000	
RANGE	00000	00000	00000	00000	00000	00000	00000	00000	

CHARACTERISTIC. FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE
JUNE, 1966

SITE. HAKON SAHON
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	-	5.00	C	5.10	5.00	5.00	4.90	4.95
6	-	-	5.05	5.01	-	5.10	5.00	-
7	-	5.02	-	-	-	-	5.04	-
8	5.00	5.01	-	C	5.05	-	-	C
9	-	-	-	-	C	-	-	-
10	-	-	5.05	-	-	4.95	-	-
11	-	-	C	C	-	4.98	4.95	5.00
12	-	-	-	C	-	4.90	5.00	5.00
13	-	5.00	5.10	5.00	5.01	-	4.60	-
14	5.00	5.04	-	5.10	5.02	4.90	5.00	4.90
15	-	-	4.97	5.00	4.90	-	4.60	5.00
16	-	-	5.00	5.00	4.92	4.90	5.00	-
17	5.00	5.04	-	4.85	5.00	-	4.90	5.00
18	-	C	C	-	-	-	-	S
19	-	-	5.00	-	4.90	-	-	-
20	-	5.01	5.00	-	4.90	F	-	-
21	F	5.00	4.90	-	4.95	C	4.81	4.90
22	4.95	C	C	4.89	-	-	-	4.90
23	-	5.00	5.00	5.00	C	C	C	4.90
24	-	-	4.90	C	-	-	-	4.90
25	-	5.00	4.90	4.95	-	4.99	5.01	4.95
26	-	-	4.96	5.01	-	4.99	-	-
27	-	5.00	4.90	5.00	5.00	4.97	-	5.01
28	-	-	5.05	-	4.88	-	4.88	-
29	4.90	C	5.05	-	5.00	C	4.96	-
30	-	-	C	4.90	-	-	C	C
MEDIAN	5.00	5.01	4.99	5.00	5.00	4.99	4.97	4.95
S.D. MED	4.92	5.02	4.95	4.97	4.97	4.95	.15	4.95
L QUART	4.96	5.00	4.97	4.92	4.90	4.95	4.88	4.90
U QUART	5.00	5.02	5.05	5.01	5.00	4.99	5.00	5.00
RANGE	.04	.02	.08	.09	.10	.04	.12	.10

CHARACTERISTIC. FOFI

IONOSPHERIC DATA
VERTICAL INCIDENCE
JUNE, 1966

SITE. NAKON SAKON
LOCAL STANDARD TIME

DAY /HR 1605	1705	1805	1905	2005	2105	2205	2305	
1 C	C	C	C	C	C	C	C	
2 C	C	C	C	C	C	C	C	
3								
4								
5								
6 5.02								
7								
8 5.00								
9								
10								
11								
12 5.01								
13 5.00								
14 5.02								
15								
16 C								
17 5.00								
18 4.99								
19								
20								
21								
22 5.00								
23 4.95								
24 4.95								
25 5.01								
26								
27								
28								
29 C								
30								
MEDIAN 5.00	0	0	0	0	0	0	0	
S.D. MED .02	0	0	0	0	0	0	0	
L QUART 4.98	0	0	0	0	0	0	0	
U QUART 5.01	0	0	0	0	0	0	0	
RANGE .03	0	0	0	0	0	0	0	

CHARACTERISTIC. H FOFI

ATMOSPHERIC DATA
VERTICAL INCIDENCE

JUNE, 1966

SITE. NAKOR SAHON
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	00000	00000	00000	00000	00000	00000	00000	00000
2	00000	00000	00000	00000	00000	00000	00000	00000
3	00000	00000	00000	00000	00000	00000	00000	00000
4	00000	00000	00000	00000	00000	00000	00000	00000
5	00000	00000	00000	00000	00000	00000	00000	00000
6	00000	00000	00000	00000	00000	00000	00000	00000
7	00000	00000	00000	00000	00000	00000	00000	00000
8	00000	00000	00000	00000	00000	00000	00000	00000
9	00000	00000	00000	00000	00000	00000	00000	00000
10	00000	00000	00000	00000	00000	00000	00000	00000
11	00000	00000	00000	00000	00000	00000	00000	00000
12	00000	00000	00000	00000	00000	00000	00000	00000
13	00000	00000	00000	00000	00000	00000	00000	00000
14	00000	00000	00000	00000	00000	00000	00000	00000
15	00000	00000	00000	00000	00000	00000	00000	00000
16	00000	00000	00000	00000	00000	00000	00000	00000
17	00000	00000	00000	00000	00000	00000	00000	00000
18	00000	00000	00000	00000	00000	00000	00000	00000
19	00000	00000	00000	00000	00000	00000	00000	00000
20	00000	00000	00000	00000	00000	00000	00000	00000
21	00000	00000	00000	00000	00000	00000	00000	00000
22	00000	00000	00000	00000	00000	00000	00000	00000
23	00000	00000	00000	00000	00000	00000	00000	00000
24	00000	00000	00000	00000	00000	00000	00000	00000
25	00000	00000	00000	00000	00000	00000	00000	00000
26	00000	00000	00000	00000	00000	00000	00000	00000
27	00000	00000	00000	00000	00000	00000	00000	00000
28	00000	00000	00000	00000	00000	00000	00000	00000
29	00000	00000	00000	00000	00000	00000	00000	00000
30	00000	00000	00000	00000	00000	00000	00000	00000
PEDIAN	00000	00000	00000	00000	00000	00000	00000	00000
S.D. MED	00000	00000	00000	00000	00000	00000	00000	00000
L. QUART	00000	00000	00000	00000	00000	00000	00000	00000
U. QUART	00000	00000	00000	00000	00000	00000	00000	00000
RAISE	00000	00000	00000	00000	00000	00000	00000	00000

CHARACTERISTIC. H FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE
JUNE, 1966

SITE. NAKON SAHON
LOCAL STANDARD TIME

DAY /HR	005	095	1005	1105	1205	1505	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C
MEDIAN	..	230	210	207	221	210	210	230
S.D. MED	..	20.82	6.32	0.52	20.18	29.44	29.15	20.65
L QUART	..	210	205	200	200	200	210	216
U QUART	..	260	215	220	225	260	220	260
RAIICE	..	50	10	20	25	60	10	44

CHARACTERISTIC. H FOFI

IONOSPHERIC DATA
VERTICAL INCIDENCE
JUNE, 1966

SITE: NAKON SAHON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	U	U	U	U	U	U	U	U
2	U	U	U	U	U	U	U	U
3	U	U	U	U	U	U	U	U
4	U	U	U	U	U	U	U	U
5	U	U	U	U	U	U	U	U
6	U	U	U	U	U	U	U	U
7	U	U	U	U	U	U	U	U
8	U	U	U	U	U	U	U	U
9	U	U	U	U	U	U	U	U
10	U	U	U	U	U	U	U	U
11	U	U	U	U	U	U	U	U
12	U	U	U	U	U	U	U	U
13	U	U	U	U	U	U	U	U
14	U	U	U	U	U	U	U	U
15	U	U	U	U	U	U	U	U
16	U	U	U	U	U	U	U	U
17	U	U	U	U	U	U	U	U
18	U	U	U	U	U	U	U	U
19	U	U	U	U	U	U	U	U
20	U	U	U	U	U	U	U	U
21	U	U	U	U	U	U	U	U
22	U	U	U	U	U	U	U	U
23	U	U	U	U	U	U	U	U
24	U	U	U	U	U	U	U	U
25	U	U	U	U	U	U	U	U
26	U	U	U	U	U	U	U	U
27	U	U	U	U	U	U	U	U
28	U	U	U	U	U	U	U	U
29	U	U	U	U	U	U	U	U
30	U	U	U	U	U	U	U	U
MEDIAN	..	..	..	..	..	..	..	..
S.D. MED	..	..	..	..	..	..	..	..
L. QUART	..	..	..	..	..	..	..	..
U. QUART	..	..	..	..	..	..	..	..
RANGE	..	..	..	..	..	..	..	..

CHARACTERISTIC. FQES

IONOSPHERIC DATA
VERTICAL INCIDENCE
JUNE, 1966

SITE. NAKON SAKON
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	U	U	U	U	U	U	U	U
2	U	U	U	U	U	U	U	U
3	U	U	U	U	U	U	U	U
4	U	U	U	U	U	U	U	U
5	U	U	U	U	U	U	U	U
6	U	U	U	U	U	U	U	U
7	U	U	U	U	U	U	U	U
8	U	U	U	U	U	U	U	U
9	U	U	U	U	U	U	U	U
10	U	U	U	U	U	U	U	U
11	U	U	U	U	U	U	U	U
12	U	U	U	U	U	U	U	U
13	U	U	U	U	U	U	U	U
14	U	U	U	U	U	U	U	U
15	U	U	U	U	U	U	U	U
16	U	U	U	U	U	U	U	U
17	U	U	U	U	U	U	U	U
18	U	U	U	U	U	U	U	U
19	U	U	U	U	U	U	U	U
20	U	U	U	U	U	U	U	U
21	U	U	U	U	U	U	U	U
22	U	U	U	U	U	U	U	U
23	U	U	U	U	U	U	U	U
24	U	U	U	U	U	U	U	U
25	U	U	U	U	U	U	U	U
26	U	U	U	U	U	U	U	U
27	U	U	U	U	U	U	U	U
28	U	U	U	U	U	U	U	U
29	U	U	U	U	U	U	U	U
30	U	U	U	U	U	U	U	U
MEDIAN	...	5.80	...	...	5.50	5.86	...	7.00
S.D. MED	...	5.52	...	...	2.53	1.44	...	1.61
L QUART	...	6.53	...	...	7.40	6.90	...	6.17
U QUART	...	6.53	9.24	7.90	7.36	6.90	6.97	8.00
RANGE	...	6.46	9.20	7.86	7.36	6.86	6.94	1.83

CHARACTERISTIC C. FOES

IONOSPHERIC DATA
VERTICAL INCIDENCE
JUNE, 1966

SITE: NAKON SAMON
LOCAL STANDARD TIME

DAY /HR	005	055	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	5.05L	6.90L	8.00L	8.00L	-	-	-	6.50L
6	-	6.60L	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	8.00L	-	-	C	-	-	-	C
9	6.10L	9.00L	6.00L	19.80Q	-	12.00L	19.60Q	11.80L
10	7.00L	8.00L	6.00L	-	-	6.86L	-	-
11	5.80L	-	6.70L	C	8.00L	7.96L	8.00L	8.00L
12	-	6.00L	-	-	-	-	7.70L	-
13	-	-	-	-	-	-	-	-
14	-	7.00L	6.50L	7.30L	-	-	-	-
15	7.80L	10.00L	8.20L	11.00L	12.10Q	13.60Q	9.20L	11.30L
16	-	7.40L	5.38L	5.20L	-	11.00L	-	5.50L
17	6.05L	6.50L	7.28L	7.98L	7.00L	7.50L	-	-
18	5.50L	C	C	-	5.86L	-	-	C
19	7.00L	9.20L	11.20L	7.98L	11.40L	9.40L	10.80L	8.00L
20	6.50L	6.05L	7.94L	11.36Q	6.70L	8.00L	7.30L	8.00L
21	6.90L	6.60L	6.56L	11.30Q	F	F	14.00Q	11.40Q
22	5.96L	C	C	-	-	C	5.66L	-
23	5.70L	6.90L	5.35L	7.85L	8.00L	16.60Q	10.80L	-
24	8.56L	10.96L	5.35L	C	C	C	C	5.39L
25	6.55L	6.51L	6.51L	7.40L	6.50L	5.56L	6.50L	7.05L
26	14.80Q	16.32Q	16.32Q	8.00L	15.84Q	8.00L	10.60L	7.80L
27	7.45L	8.10L	8.10L	11.00L	8.00L	8.80L	6.51L	8.20L
28	7.00L	6.90L	5.98L	11.40L	7.10L	9.00L	7.55L	10.20L
29	6.40L	C	5.00L	10.40L	14.00Q	16.00Q	12.00Q	16.00Q
30	7.40L	C	C	9.00L	8.10L	C	C	C
MEDIAN	6.72	7.00	6.56	8.50	8.00	8.90	8.10	8.10
S.D. MED	2.01	1.40	2.79	3.43	3.36	3.44	3.89	2.93
L QUART	6.00	6.60	5.99	7.91	7.96	7.96	7.50	7.15
U QUART	7.42	8.00	8.05	11.33	11.75	12.00	10.80	11.30
RANGE	1.42	1.40	2.06	3.42	4.90	4.04	3.50	4.25

CHARACTERISTIC. FOES

IONOSPHERIC DATA
VERTICAL INCIDENCE
JUNE, 1966

SITE: NAKH SAHON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	10.00L	11.90L	8.00F	8.00F	8.00F	7.80F	7.80F	7.90F
5	-	9.80L	-	-	-	-	-	-
6	7.00L	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	4.90L	-	7.00F	6.00F	7.90F	7.90F	8.00F	7.00F
10	7.80L	6.20L	5.50F	8.00F	-	-	-	-
11	5.20L	-	-	-	-	-	-	-
12	8.00L	7.75L	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	5.60L	7.00L	-	-	-	4.90F	C	C
15	12.80L	10.60L	7.00F	7.00F	-	-	C	C
16	C	-	11.00F	6.00F	5.82F	-	C	C
17	-	-	-	5.00F	-	7.00F	F	F
18	-	5.15L	-	-	-	5.85F	-	5.68F
19	9.60L	11.20L	7.80F	7.05F	7.00F	-	-	C
20	12.10L	16.80L	11.00F	10.90F	6.60F	-	-	-
21	7.95L	7.55L	7.90F	11.40F	C	-	-	-
22	7.77L	8.40L	8.00F	8.00F	5.80F	-	5.76F	5.80F
23	-	5.10L	-	-	-	-	-	-
24	7.55L	6.30L	10.20F	5.95F	5.80F	7.51F	-	10.40F
25	5.78L	-	5.80F	9.10F	9.10F	6.45F	-	-
26	5.76L	9.20L	8.10F	8.00F	8.00F	-	6.40F	-
27	10.00L	7.90L	5.55F	6.40F	-	-	-	C
28	8.20L	5.94L	6.41F	-	-	-	-	-
29	11.80L	10.20L	8.12F	-	6.55F	-	-	-
30	C	12.30L	7.00F	11.90F	-	-	-	-
MEDIAN	7.80	7.82	7.85	7.10	6.60	7.25	7.10	7.00
S.D. MED	2.28	3.14	1.67	2.16	1.14	1.44	1.97	1.78
L QUART	5.78	6.20	6.70	5.82	5.02	6.15	6.05	5.70
U QUART	10.00	10.60	8.11	8.00	8.00	7.87	7.90	9.15
RANGE	4.22	4.40	1.41	2.00	2.18	1.72	1.85	3.45

CHARACTERISTIC. H ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

JUNE, 1966

SITE. NAKON SAHON
LOCAL STANDARD TIME

DAY /HR	5	103	203	303	403	503	603	703
1	U	U	U	U	U	U	U	U
2	U	U	U	U	U	U	U	U
3	U	U	U	U	U	U	U	U
4	U	U	U	U	U	U	U	U
5	U	U	U	U	U	U	U	U
6	U	U	U	U	U	U	U	U
7	U	U	U	U	U	U	U	U
8	U	U	U	U	U	U	U	U
9	U	U	U	U	U	U	U	U
10	U	U	U	U	U	U	U	U
11	U	U	U	U	U	U	U	U
12	U	U	U	U	U	U	U	U
13	U	U	U	U	U	U	U	U
14	U	U	U	U	U	U	U	U
15	U	U	U	U	U	U	U	U
16	U	U	U	U	U	U	U	U
17	U	U	U	U	U	U	U	U
18	U	U	U	U	U	U	U	U
19	U	U	U	U	U	U	U	U
20	U	U	U	U	U	U	U	U
21	U	U	U	U	U	U	U	U
22	U	U	U	U	U	U	U	U
23	U	U	U	U	U	U	U	U
24	U	U	U	U	U	U	U	U
25	U	U	U	U	U	U	U	U
26	U	U	U	U	U	U	U	U
27	U	U	U	U	U	U	U	U
28	U	U	U	U	U	U	U	U
29	U	U	U	U	U	U	U	U
30	U	U	U	U	U	U	U	U
MEDIAN	..	100	104	118	103	107	102	119
S.D. MED	..	9.02	5.45	4.76	9.99	7.97	9.77	7.07
L QUART	..	99	99	110	100	100	100	100
U QUART	..	100	112	120	113	119	115	115
RANGE	..	9	13	10	13	18	15	14

CHARACTERISTIC. H ES

IONOSPHERIC
VERTICAL INCIDENCE
JUNE, 1966

SITE. NAKON SAEN
LOCAL STANDARD TIME

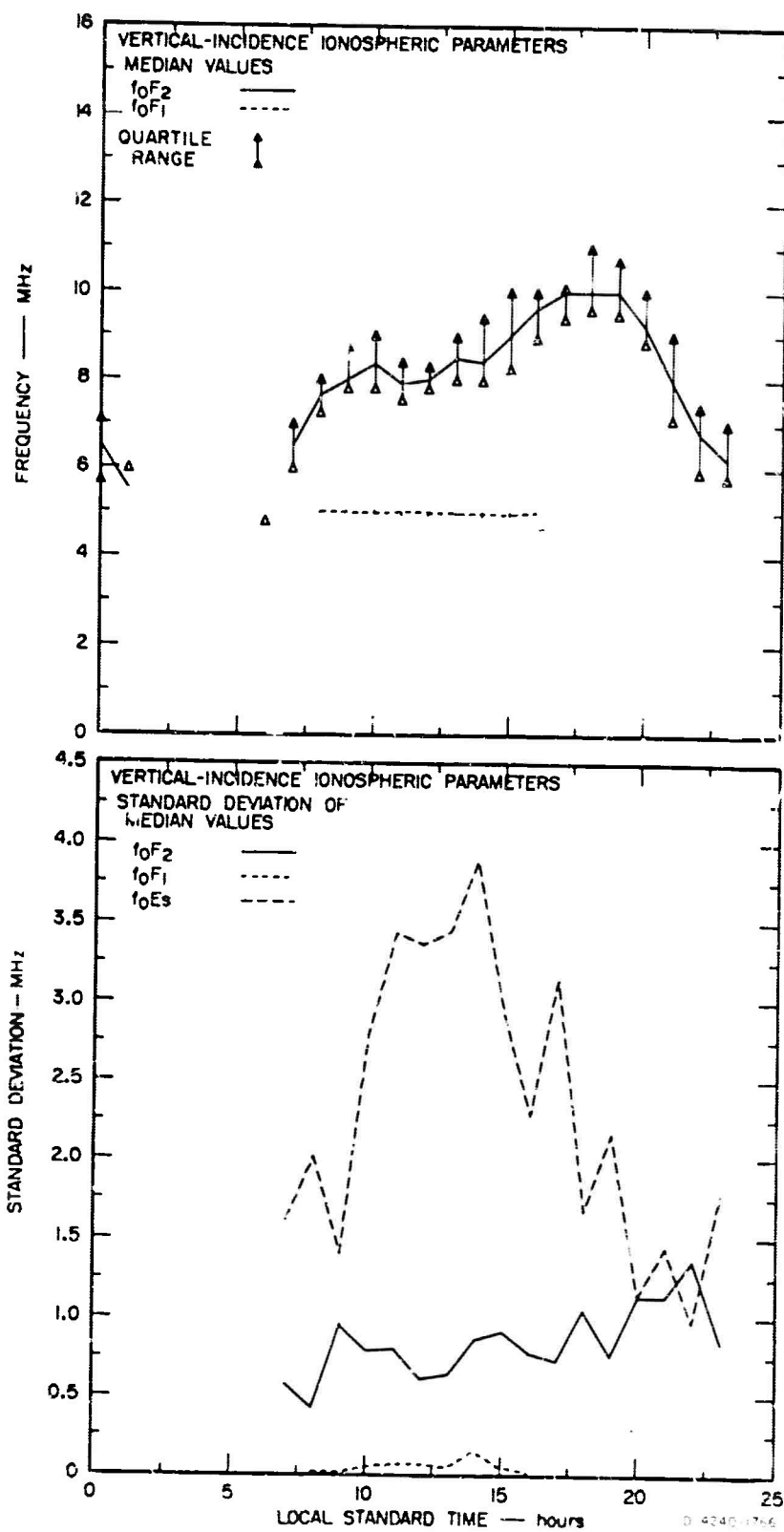
DAY /HR	005	093	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	-	110	101	101	-	-	-	109
6	106	105	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	118	120	115	C	-	-	-	C
9	100	120	115	100	105	105	105	115
10	121	110	110	100	112	120	120	110
11	115	110	C	C	-	-	-	-
12	-	110	-	C	-	-	-	-
13	-	110	115	120	-	-	-	-
14	-	110	115	110	105	110	105	105
15	111	110	115	110	105	110	105	105
16	-	105	105	105	-	-	-	-
17	115	107	110	106	112	105	-	5
18	108	100	99	99	106	99	100	105
19	105	100	105	100	100	105	110	105
20	106	115	105	100	107	105	115	105
21	120	105	110	102	107	105	107	105
22	112	105	C	110	-	C	-	-
23	110	110	100	100	100	100	100	99
24	101	99	100	100	100	100	100	100
25	100	100	100	99	99	100	100	100
26	100	100	100	100	100	100	100	100
27	105	100	100	100	100	100	100	100
28	100	100	100	100	100	100	100	100
29	100	100	100	100	100	100	100	100
30	100	100	100	100	100	100	100	100
31	110	C	105	100	100	100	100	C
32	110	C	105	100	100	100	100	C
33	110	C	105	100	100	100	100	C
34	110	C	105	100	100	100	100	C
35	110	C	105	100	100	100	100	C
36	110	C	105	100	100	100	100	C
37	110	C	105	100	100	100	100	C
38	110	C	105	100	100	100	100	C
39	110	C	105	100	100	100	100	C
40	110	C	105	100	100	100	100	C
41	110	C	105	100	100	100	100	C
42	110	C	105	100	100	100	100	C
43	110	C	105	100	100	100	100	C
44	110	C	105	100	100	100	100	C
45	110	C	105	100	100	100	100	C
46	110	C	105	100	100	100	100	C
47	110	C	105	100	100	100	100	C
48	110	C	105	100	100	100	100	C
49	110	C	105	100	100	100	100	C
50	110	C	105	100	100	100	100	C
51	110	C	105	100	100	100	100	C
52	110	C	105	100	100	100	100	C
53	110	C	105	100	100	100	100	C
54	110	C	105	100	100	100	100	C
55	110	C	105	100	100	100	100	C
56	110	C	105	100	100	100	100	C
57	110	C	105	100	100	100	100	C
58	110	C	105	100	100	100	100	C
59	110	C	105	100	100	100	100	C
60	110	C	105	100	100	100	100	C
61	110	C	105	100	100	100	100	C
62	110	C	105	100	100	100	100	C
63	110	C	105	100	100	100	100	C
64	110	C	105	100	100	100	100	C
65	110	C	105	100	100	100	100	C
66	110	C	105	100	100	100	100	C
67	110	C	105	100	100	100	100	C
68	110	C	105	100	100	100	100	C
69	110	C	105	100	100	100	100	C
70	110	C	105	100	100	100	100	C
71	110	C	105	100	100	100	100	C
72	110	C	105	100	100	100	100	C
73	110	C	105	100	100	100	100	C
74	110	C	105	100	100	100	100	C
75	110	C	105	100	100	100	100	C
76	110	C	105	100	100	100	100	C
77	110	C	105	100	100	100	100	C
78	110	C	105	100	100	100	100	C
79	110	C	105	100	100	100	100	C
80	110	C	105	100	100	100	100	C
81	110	C	105	100	100	100	100	C
82	110	C	105	100	100	100	100	C
83	110	C	105	100	100	100	100	C
84	110	C	105	100	100	100	100	C
85	110	C	105	100	100	100	100	C
86	110	C	105	100	100	100	100	C
87	110	C	105	100	100	100	100	C
88	110	C	105	100	100	100	100	C
89	110	C	105	100	100	100	100	C
90	110	C	105	100	100	100	100	C
91	110	C	105	100	100	100	100	C
92	110	C	105	100	100	100	100	C
93	110	C	105	100	100	100	100	C
94	110	C	105	100	100	100	100	C
95	110	C	105	100	100	100	100	C
96	110	C	105	100	100	100	100	C
97	110	C	105	100	100	100	100	C
98	110	C	105	100	100	100	100	C
99	110	C	105	100	100	100	100	C
100	110	C	105	100	100	100	100	C
101	110	C	105	100	100	100	100	C
102	110	C	105	100	100	100	100	C
103	110	C	105	100	100	100	100	C
104	110	C	105	100	100	100	100	C
105	110	C	105	100	100	100	100	C
106	110	C	105	100	100	100	100	C
107	110	C	105	100	100	100	100	C
108	110	C	105	100	100	100	100	C
109	110	C	105	100	100	100	100	C
110	110	C	105	100	100	100	100	C
111	110	C	105	100	100	100	100	C
112	110	C	105	100	100	100	100	C
113	110	C	105	100	100	100	100	C
114	110	C	105	100	100	100	100	C
115	110	C	105	100	100	100	100	C
116	110	C	105	100	100	100	100	C
117	110	C	105	100	100	100	100	C
118	110	C	105	100	100	100	100	C
119	110	C	105	100	100	100	100	C
120	110	C	105	100	100	100	100	C
121	110	C	105	100	100	100	100	C
122	110	C	105	100	100	100	100	C
123	110	C	105	100	100	100	100	C
124	110	C	105	100	100	100	100	C
125	110	C	105	100	100	100	100	C
126	110	C	105	100	100	100	100	C
127	110	C	105	100	100	100	100	C
128	110	C	105	100	100	100	100	C
129	110	C	105	100	100	100	100	C
130	110	C	105	100	100	100	100	C
131	110	C	105	100	100	100	100	C
132	110	C	105	100	100	100	100	C
133	110	C	105	100	100	100	100	C
134	110	C	105	100	100	100	100	C
135	110	C	105	100	100	100	100	C
136	110	C	105	100	100	100	100	C
137	110	C	105	100	100	100	100	C
138	110	C	105	100	100	100	100	C
139	110	C	105	100	100	100	100	C
140	110	C	105	100	100	100	100	C
141	110	C	105	100	100	100	100	C
142	110	C	105	100	100	100	100	C
143	110	C	105	100	100	100	100	C
144	110	C	105	100	100	100	100	C
145	110	C	105	100	100	100	100	C
146	110	C	105	100	100	100	100	C
147	110	C	105	100	100	100	100	C
148	110	C	105	100	100	100	100	C
149	110	C	105	100	100	100	100	C
150	110	C	105	100	100	100	100	C
151	110	C	105	100	100	100	100	C
152	110	C	105	100	100	100	100	C
153	110	C	105	100	100	100	100	C
154	110	C	105	100	100	100	100	C
155	110	C	105	100	100	100	100	C
156	110	C	105	100	100	100	100	C
157	110	C	105	100	100	100	100	C
158	110	C	105	100	100	100	100	C
159	110	C	105	100	100	100	100	C
160	110	C	105	100	100	100	100	C
161	110	C	105	100	100	100	100	C
162	110	C	105	100	100	100	100	C
163	110	C	105	100	100	100	100	C
164	110	C	105	100	100	100	100	C
165	110	C	105	100	100	100	100	C
166	110	C	105	100	100	100	100	C
167	110	C	105	100	100	100	100	C
168	110	C	105	100	100	100	100	C
169	110	C	105	100	100	100	100	C
170	110	C	105	100	100	100	100	C
171	110	C	105	100	100	100	100	C

CHARACTERISTIC. H ES

IONOSPHERIC DATA
VERTICAL INCIDENCE
JUNE, 1966

SITE. NAKON SAKON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	100	110	104	101	107	102	112	115
5	100	110	104	101	107	102	112	115
6	100	110	104	101	107	102	112	115
7	100	110	104	101	107	102	112	115
8	100	110	104	101	107	102	112	115
9	120	110	120	120	120	115	110	110
10	111	110	105	120	120	111	110	110
11	120	120	105	120	120	111	110	110
12	115	120	105	120	120	111	110	110
13	115	120	105	120	120	111	110	110
14	115	120	105	120	120	111	110	110
15	104	116	103	110	101	105	100	100
16	C	105	105	105	101	101	100	100
17	C	105	105	105	101	101	100	100
18	C	105	105	105	101	101	100	100
19	105	105	105	105	105	105	105	105
20	103	102	102	102	105	105	105	105
21	110	105	110	104	105	105	105	105
22	102	101	99	101	105	105	105	105
23	102	101	99	101	105	105	105	105
24	99	101	99	99	100	99	99	120
25	100	100	100	100	99	102	102	106
26	110	100	100	100	100	102	102	106
27	99	102	100	100	100	102	102	106
28	90	99	100	100	100	102	102	106
29	102	105	102	120	100	102	102	106
30	102	105	110	120	100	102	102	106
31	C	105	110	120	100	102	102	106
MEDIAN	104	105	104	102	101	103	106	110
S.D.	7.51	5.61	5.64	8.47	6.27	5.45	5.41	7.02
U QUANT	100	101	100	100	100	101	100	100
L QUANT	111	110	110	110	105	100	111	117
RANGE	11	9	10	10	5	7	11	17



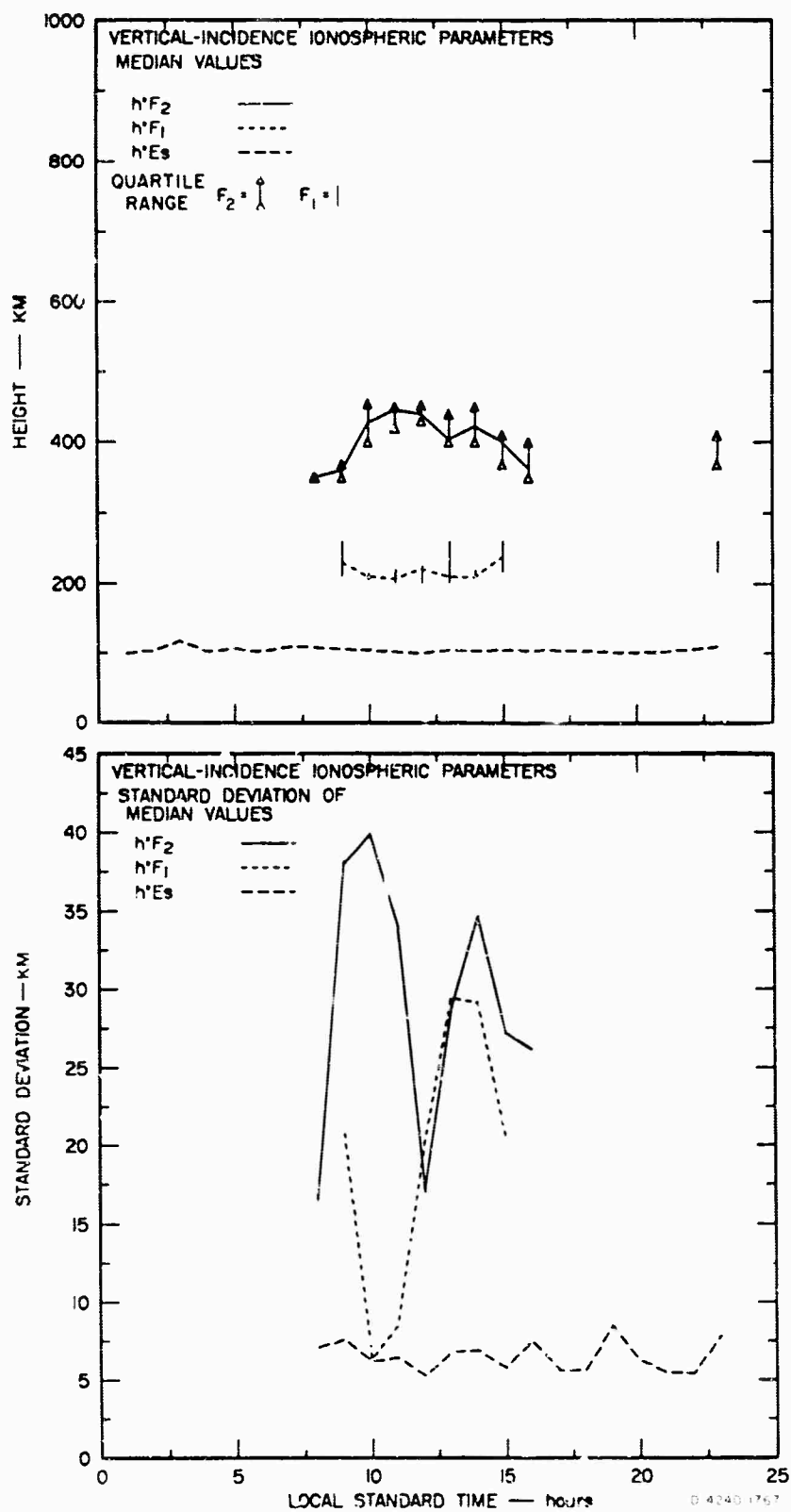


FIG 18 VIRTUAL HEIGHT SUMMARY, NAKON SAWAN, JUNE, 1966

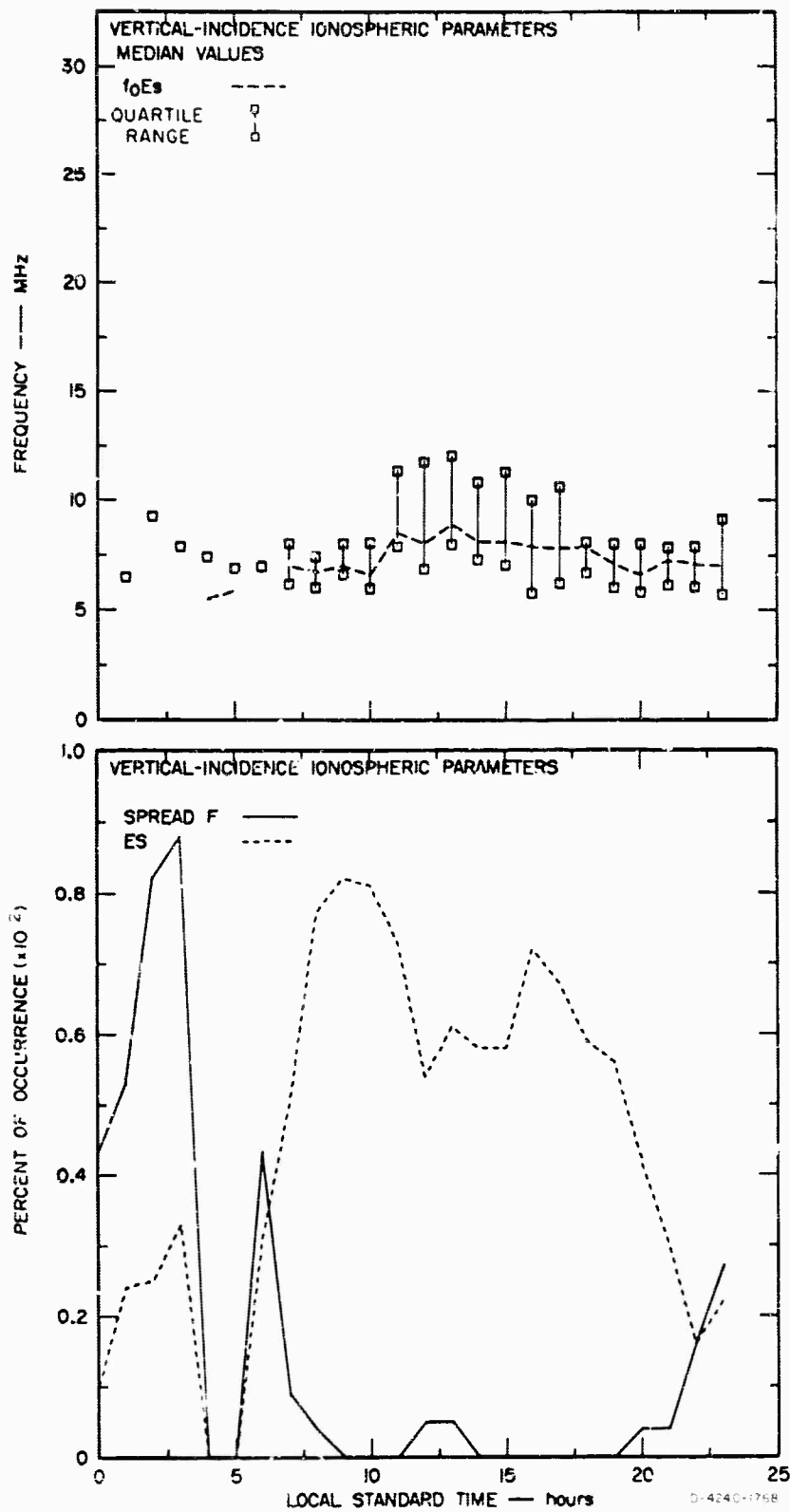


FIG. 19 SPORADIC E AND SPREAD F SUMMARY, NAKHON SAWAN, JUNE, 1966

CHARACTERISTIC. F02

IONOSPHERIC DATA
VERTICAL INCIDENCE

JULY, 1966

SITE. NAKON SAMON
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	8.00	6.46	5.89	5.00	5.00	5.00	5.00	8.02R
2	5.95	5.98	5.00	5.00	5.00	5.00	5.00	6.70
3	6.40	6.10	5.00	5.00	5.00	5.00	5.00	5.40
4	4.85	5.10	5.00	5.00	5.00	5.00	5.00	6.30
5	5.49	5.45	5.00	5.00	5.00	5.00	5.00	7.10
6	5.25	5.45	5.00	5.00	5.00	5.00	5.00	6.90R
7	5.45	5.45	5.00	5.00	5.00	5.00	5.00	7.30
8	5.45	5.45	5.00	5.00	5.00	5.00	5.00	7.25
9	5.45	5.45	5.00	5.00	5.00	5.00	5.00	8.40
10	6.15	5.60	5.00	5.00	5.00	5.00	5.00	6.55
11	6.15	5.60	5.00	5.00	5.00	5.00	5.00	6.35
12	6.15	5.60	5.00	5.00	5.00	5.00	5.00	6.90
13	6.15	5.60	5.00	5.00	5.00	5.00	5.00	7.00
14	6.15	5.60	5.00	5.00	5.00	5.00	5.00	6.30
15	6.15	5.60	5.00	5.00	5.00	5.00	5.00	6.06
16	6.15	5.60	5.00	5.00	5.00	5.00	5.00	6.30
17	6.15	5.60	5.00	5.00	5.00	5.00	5.00	6.30
18	6.15	5.60	5.00	5.00	5.00	5.00	5.00	6.30
19	6.15	5.60	5.00	5.00	5.00	5.00	5.00	6.30
20	6.15	5.60	5.00	5.00	5.00	5.00	5.00	6.30
21	6.15	5.60	5.00	5.00	5.00	5.00	5.00	6.30
22	6.15	5.60	5.00	5.00	5.00	5.00	5.00	6.30
23	6.15	5.60	5.00	5.00	5.00	5.00	5.00	6.30
24	6.15	5.60	5.00	5.00	5.00	5.00	5.00	6.30
25	6.15	5.60	5.00	5.00	5.00	5.00	5.00	6.30
26	6.15	5.60	5.00	5.00	5.00	5.00	5.00	6.30
27	6.15	5.60	5.00	5.00	5.00	5.00	5.00	6.30
28	6.15	5.60	5.00	5.00	5.00	5.00	5.00	6.30
29	6.15	5.60	5.00	5.00	5.00	5.00	5.00	6.30
30	6.15	5.60	5.00	5.00	5.00	5.00	5.00	6.30
31	6.15	5.60	5.00	5.00	5.00	5.00	5.00	6.30
MEDIAN	5.90	6.05	4.60	5.00	5.00	5.00	5.00	6.90
S.D.	1.02	1.13	1.13	1.13	1.13	1.13	1.13	1.13
U QUART	5.25	5.35	5.79	5.00	5.00	5.00	5.00	6.40
U QUART	6.00	6.63	5.79	5.00	5.00	5.00	5.00	7.10
RANGE	1.55	1.28	5.79	5.00	5.00	5.00	5.00	1.00
BLANK	2.00	1.00	6.00	5.00	5.00	5.00	5.00	1.00
ES	1.19	1.15	1.32	1.32	1.32	1.32	1.32	1.41
SPRD F	1.32	1.41	1.63	1.63	1.63	1.63	1.63	1.63

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

JULY, 1966

SITE. NAKOM SAMON
LOCAL STANDARD TIME

DAY /HR	005	903	1005	1105	1205	1505	1405	1505
1	10.52R	9.80R	8.60	8.48	8.22	7.60R	-	9.00
2	7.80	8.12R	7.80	7.80	7.90	8.60	8.42	8.90
3	7.50R	8.00R	7.60R	7.60R	-	7.80	8.00	8.40R
4	7.55R	8.20R	7.55R	6.30	7.30	7.80	8.60R	10.30R
5	7.80	-	6.55	6.60	-	7.90R	8.40R	9.02
6	7.80	8.10R	8.54	8.70R	7.90	7.80R	7.50R	7.55R
7	7.24R	8.90R	8.82R	-	7.20	7.90	7.77R	8.40R
8	9.20	6.60	8.60	8.50R	7.60	8.10	7.50	7.98
9	7.50	7.70	8.60	-	8.40R	6.60	7.20	8.40R
10	7.60R	7.00	8.60	8.90R	8.40	7.50	-	8.55
11	7.20	7.60R	8.40	7.20	6.60	-	7.40	7.50R
12	7.80	9.00R	8.00	7.50	8.30	-	8.00	8.20R
13	8.40	7.70	8.80	7.80	7.45	7.90	8.00	9.00
14	8.20	9.60	8.60	7.00	-	8.40	7.65R	8.80
15	8.30	7.80	8.60	7.40	8.30	-	7.40	8.90
16	8.30	8.60	8.60	7.40	7.45	-	8.60R	9.00
17	8.60	7.60R	7.55R	8.10R	-	8.10	-	9.00
18	8.60	8.60R	7.90R	7.20	7.50	7.85	7.90	7.66
19	7.10	7.60R	7.58R	7.10R	6.60	8.00	8.60	9.00
20	7.40	7.60R	6.80	6.85	7.90R	8.50R	8.50R	9.00
21	6.60	8.00R	7.50	7.30	7.42	7.85	9.50	9.00
22	7.00	7.20	7.50	8.80R	-	-	9.90	9.80
23	9.10R	8.82	8.80R	9.10R	8.40R	7.90	8.80	8.24R
24	7.65	9.10	9.20	9.00	-	7.90	7.58R	8.80
25	8.96	-	8.80	9.04R	-	-	-	9.00R
26	8.80	8.80	9.00	9.04R	-	-	-	9.00R
27	8.80	8.80	9.00	9.04R	-	-	-	9.00R
28	8.80	8.80	9.00	9.04R	-	-	-	9.00R
29	9.00	10.10	10.80	10.72	7.90	8.90	9.00	10.90
30	9.00	9.30R	9.80R	9.66R	9.92R	8.92R	9.60	9.80
31	9.10	9.80	10.10R	7.50	-	8.40R	9.50	9.90R
MEDIAN	7.80	8.10	8.54	7.80	7.90	7.90	8.40	8.98
S.D. MED	91	85	95	1.04	.77	.49	.79	.79
L QUART	7.45	7.60	7.60	7.20	7.42	7.82	7.77	8.40
U QUART	8.70	8.95	8.80	8.75	8.30	8.10	8.80	9.41
RANGE	1.25	1.35	1.20	1.55	.80	.28	1.03	1.01
BLANK	0	0	0	0	0	0	0	0
ES	.82	.89	.90	.93	.92	.81	.75	.62
SPRD F	0	0	0	0	0	0	0	0

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

JULY, 1966

SITE: NAKON SAKON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	3.60	9.92R	9.24	9.40R	9.60R	9.00	7.60R	5.80
2	3.10	11.60R	10.00	11.40	C	C	C	C
3	9.50	10.00	9.16	8.96	8.00R	7.90R	6.50R	5.50R
4	9.40	9.32	6.92R	C	C	7.00	5.50	5.30R
5	9.96	10.80	10.80	8.96	7.91	6.95	6.35R	5.40R
6	-	10.80	9.00R	11.40R	10.80	8.95	5.60	5.32
7	7.70R	-	-	-	7.90	6.20	7.10R	5.10
8	8.70R	8.96R	10.40	11.60R	9.20	9.20	6.30R	5.90
9	8.60	9.40	10.02R	10.10	9.00R	7.50R	6.90R	5.50
10	9.20	10.00	9.96R	8.80R	9.00R	7.70R	5.60	4.60
11	10.80	11.10	11.30R	10.10R	10.90R	7.50R	5.60	5.60
12	C	10.40	9.70	10.10R	8.90R	7.30R	6.50	6.05
13	7.80R	9.00	10.40R	10.10R	8.10R	7.30R	6.30R	6.05
14	9.00	9.90R	9.00	9.50R	8.80	7.60	-	F
15	10.30	10.56	11.20	11.00R	9.20	7.50R	C	F
16	10.00	10.00	10.00	11.00R	7.05	5.90	C	7.00
17	9.80	8.60	9.60	10.00R	9.30	8.60	7.96	7.00
18	11.10	11.10	9.60	8.00	7.10	6.60	6.50R	6.30
19	C	C	10.40R	10.20R	C	C	C	C
20	8.60	8.90	9.00	10.50	9.60	8.30	6.40	F
21	-	-	10.00	10.20	8.00R	7.10R	8.30R	6.70R
22	9.20	9.90R	11.00	11.00	9.00R	7.00R	6.10R	6.90R
23	10.10	9.60R	C	C	16.10R	8.00R	F	6.05
24	9.20	10.00R	11.00	9.00	9.00R	8.60R	7.00R	9.00
25	8.22	7.90R	8.40	9.00	8.20R	8.60R	9.60R	5.70R
26	9.00	9.00	10.80	9.60R	8.10R	7.90R	C	6.55
27	11.00	11.20R	12.00R	C	C	9.50R	6.60	8.30R
28	10.90	11.00R	10.90R	10.20	10.00	C	9.32R	6.55
29	10.12	10.10R	11.00	10.00	8.80R	7.30	7.30	6.55
30	10.00	9.10R	9.90	9.40R	9.40R	S	6.60R	8.20
31	10.20R	10.35R	10.60	11.00R	10.50	9.90R	9.10	F
MEDIAN	9.70	10.00	10.00	10.10	9.00	7.80	6.60	5.97
S.D. MED	9.90	9.32	1.00	9.60	9.95	9.80	1.10	1.11
L QUART	9.00	10.40	9.42	9.40	9.10	7.20	6.55	5.95
U QUART	10.10	10.40	10.80	11.00	7.60	8.60	7.96	6.70
RANGE	0	1.08	1.42	1.60	1.50	1.40	1.61	1.15
BLANK	0	0	0	0	0	0	0	0
ES	0	0	0	0	0	0	0	0
SPRD F	0	0	0	0	0	0	0	0

CHARACTERISTIC. H F0F2

IONOSPHERIC DATA
VERTICAL INCIDENCE

JULY, 1966

SITE. NAKON SAHON
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
MEDIAN								
S.D. MED								
L. QUART								
U. QUART								
RANGE								

CHARACTERISTIC. M 1072

IONOSPHERIC DATA
VERTICAL INCIDENCE

JULY, 1966

SITE. NAKOM SAHON
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	-	-	360	360	-	434	-	400
2	-	452	-	455	460	-	410	430
3	-	-	-	446	-	-	420	465
4	-	-	400	-	-	-	380	431
5	-	-	400	-	-	442	-	-
6	-	-	-	-	-	C	-	-
7	-	-	-	400	460	-	-	-
8	360	360	365	-	460	376	400	445
9	330	330	C	C	-	-	440	-
10	-	-	-	400	450	-	460	410
11	-	-	-	-	400	-	C	500
12	330	-	430	470	-	-	-	450
13	370	-	400	440	-	-	-	440
14	320	-	450	440	400	-	450	500
15	360	-	440	455	455	440	430	440
16	-	-	C	C	C	-	-	434
17	-	-	-	-	-	-	-	430
18	400	-	420	410	-	430	440	-
19	-	-	-	450	450	440	C	C
20	-	-	450	460	455	445	440	500
21	-	-	445	-	430	455	440	440
22	330	-	420	450	460	455	450	400
23	350	-	-	-	-	-	-	500
24	-	-	-	380	460	440	432	380
25	330	-	360	450	C	440	440	440
26	-	-	437	C	C	C	-	455
27	335	-	400	450	-	-	C	410
28	-	-	415	457	390	450	446	410
29	-	350	350	370	355	400	440	405
30	-	-	360	360	C	C	445	442
31	-	-	380	350	-	-	-	400
MEDIAN	320	350	400	443	450	440	440	430
S.D. MED	17.03	36.06	32.47	43.72	36.43	24.90	20.80	27.52
L QUART	312	350	380	390	440	425	425	400
U QUART	337	370	437	452	460	452	447	440
RANGE	25	20	57	62	60	12	22	40

CHARACTERISTIC. M F072

LONGSPHERIC DATA
VERTICAL INCIDENCE
JULY, 1966

SITE: NAKON SAUON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	400	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-
3	380	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	380	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	450	-	-	-	-	-	-	-
8	360	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	360	330	-	-	-	-	-	-
11	380	330	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	400	-	-	-	-	-	-	-
14	400	350	-	-	-	-	-	-
15	350	-	-	-	-	-	-	-
16	350	-	-	-	-	-	-	-
17	320	-	-	-	-	-	-	-
18	350	-	-	-	-	-	-	-
19	C	C	-	-	-	-	-	-
20	365	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	380	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-
24	400	-	-	-	-	-	-	-
25	350	-	-	-	-	-	-	-
26	S	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	375	-	-	-	-	-	-	-
29	350	-	-	-	-	-	-	-
30	390	-	-	-	-	-	-	-
31	-	340	-	-	-	-	-	-
MEDIAN	377	335	0	0	0	0	0	0
S.D. MED	27.63	0.66	0	0	0	0	0	0
L. QUART	358	330	0	0	0	0	0	0
U. QUART	395	345	0	0	0	0	0	0
RANGE	45	15						

CHARACTERISTIC. FOR:

IONOSPHERIC DATA
VERTICAL INCIDENCE

JULY, 1966

SITE. NAKON SAHON
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	1	1
MEDIAN	0	0	0	0	0	0	0	0
S.D.	0	0	0	0	0	0	0	0
QUART	0	0	0	0	0	0	0	0
U QUART	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

CHARACTERISTIC. FOR

IONOSPHERIC DATA
VERTICAL INCIDENCE

JULY, 1966

SITE. NARON SALMON
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	-	-	5.01	4.90	-	-	-	5.00
2	-	-	-	5.00	5.01	5.05	-	5.00
3	C	4.99	-	4.99	-	-	4.99	4.99
4	-	-	-	-	-	-	4.80	-
5	-	-	5.00	-	-	5.00	4.80	4.90
6	-	-	4.95	4.90	-	-	-	-
7	-	-	-	4.84	-	-	-	-
8	-	5.00	4.99	-	4.90	5.00	5.01	5.00
9	-	5.00	-	C	5.00	-	5.00	-
10	-	-	-	5.00	4.90	5.00	-	5.05
11	-	-	-	-	5.00	-	-	5.00
12	-	4.99	4.90	4.95	-	-	-	5.00
13	4.99	4.80	5.00	5.00	4.97	-	4.99	5.00
14	5.00	-	5.00	5.00	5.01	-	5.00	4.95
15	4.98	5.00	5.00	4.99	5.01	5.00	-	5.02
16	-	-	C	-	C	-	-	4.80
17	-	C	-	5.01	-	-	5.03	5.00
18	-	5.00	5.00	5.02	-	5.00	-	-
19	5.00	5.02	-	5.00	5.00	5.00	5.01	5.01
20	-	-	5.00	5.00	4.99	5.01	5.01	-
21	-	-	4.90	-	4.90	5.00	4.90	5.01
22	-	-	5.02	5.00	5.05	-	-	5.00
23	-	5.01	-	-	-	-	-	5.01
24	-	5.00	-	5.00	5.05	5.01	5.02	5.01
25	-	-	5.01	5.02	-	5.00	5.02	5.00
26	-	-	5.00	C	C	C	-	5.00
27	5.00	C	5.00	5.00	-	5.00	5.01	5.00
28	-	-	5.04	5.02	5.01	5.00	5.01	5.00
29	-	5.00	5.01	5.01	5.00	5.00	5.02	5.00
30	-	5.00	5.01	5.00	-	-	-	5.00
31	-	-	5.05	5.05	-	-	-	5.00
31	-	-	-	-	-	-	-	-
MEDIAN	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
S.D. MED	.01	.06	.03	.05	.03	.01	.07	.03
U. QUART	4.99	4.99	5.00	4.99	4.90	5.00	4.99	5.00
L. QUART	5.00	5.00	5.01	5.01	5.01	5.00	5.01	5.01
RANGE	.02	.01	.01	.02	.03	.00	.02	.01

CHARACTERISTIC. FOFI

ISOSPHERIC DATA
VERTICAL INCIDENCE
JULY, 1966

SITE. NAKON SAHON
LOCAL STANDARD TIME

DAY /HR 1605	1705	1805	1905	2005	2105	2205	2305
1 5.00	-	-	-	-	-	-	-
2 4.82	-	-	-	-	-	-	-
3 4.90	-	-	-	-	-	-	-
4 4.90	-	-	-	-	-	-	-
5 4.90	-	-	-	-	-	-	-
6 4.90	-	-	-	-	-	-	-
7 4.90	-	-	-	-	-	-	-
8 4.90	-	-	-	-	-	-	-
9 5.00	5.00	-	-	-	-	-	-
10 4.95	4.90	-	-	-	-	-	-
11 4.90	-	-	-	-	-	-	-
12 4.90	-	-	-	-	-	-	-
13 4.90	-	-	-	-	-	-	-
14 4.90	5.02	-	-	-	-	-	-
15 5.01	-	-	-	-	-	-	-
16 4.97	-	-	-	-	-	-	-
17 5.00	-	-	-	-	-	-	-
18 5.01	-	-	-	-	-	-	-
19 5.00	-	-	-	-	-	-	-
20 5.00	-	-	-	-	-	-	-
21 5.00	-	-	-	-	-	-	-
22 5.00	-	-	-	-	-	-	-
23 5.00	-	-	-	-	-	-	-
24 5.00	-	-	-	-	-	-	-
25 5.00	-	-	-	-	-	-	-
26 5.00	-	-	-	-	-	-	-
27 5.05	-	-	-	-	-	-	-
28 5.00	5.00	-	-	-	-	-	-
29 5.01	-	-	-	-	-	-	-
30 5.01	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-
MEDIAN 5.00	5.00	0	0	0	0	0	0
S.D. MED .05	4.95	0	0	0	0	0	0
L QUART 4.98	5.01	0	0	0	0	0	0
U QUART 5.00	.06	0	0	0	0	0	0
RANGE .02							

CHARACTERISTIC. H FORI

IONOSPHERIC DATA
VERTICAL INCIDENCE
JULY, 1966

SITE. NAKOR SAUON
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
MEDIAN								
S.D. MED								
L. QUART								
U. QUART								
RANGE								

CHARACTERISTIC. H F0F1

IONOSPHERIC DATA
VERTICAL INCIDENCE

JULY, 1966

SITE. NAKON SAKON
LOCAL STANDARD TIME

DAY /HR	005	093	1005	1105	1205	1305	1405	1505
1	-	-	250	210	-	-	-	210
2	-	C	-	210	200	220	-	210
3	C	240	-	250	-	-	210	300
4	-	-	-	210	-	240	220	-
5	-	-	-	-	-	C	-	-
6	-	-	-	210	-	-	-	-
7	C	-	-	-	240	-	-	-
8	-	220	220	-	200	200	175	160
9	-	-	C	-	250	220	-	-
10	-	-	210	250	-	-	250	250
11	-	-	220	210	-	-	-	-
12	-	-	-	210	-	-	-	-
13	-	-	220	200	200	-	220	-
14	-	-	220	200	220	-	-	220
15	-	250	C	-	C	-	-	220
16	-	-	-	-	-	-	-	220
17	C	-	210	220	-	-	220	230
18	-	240	-	-	-	-	-	240
19	-	-	220	-	210	200	220	C
20	-	-	-	-	210	210	220	220
21	-	-	-	-	-	210	-	-
22	-	-	225	-	210	-	-	210
23	-	-	-	-	-	-	-	220
24	-	240	-	210	200	200	210	210
25	-	-	210	220	C	C	220	-
26	-	-	-	-	C	-	-	-
27	210	C	-	-	C	-	212	220
28	-	-	-	210	212	210	226	210
29	-	-	225	220	-	-	-	-
30	-	-	210	200	C	C	-	-
31	-	-	-	-	-	-	-	-
MEDIAN	..	240	230	210	210	200	220	220
S.D.	..	10.0	10.59	10.91	16.55	11.40	15.25	20.05
L QUANT	..	230	210	210	200	200	210	210
U QUANT	..	245	222	220	220	220	220	230
RANGE	..	15	12	10	20	20	10	20

CHARACTERISTIC. H FOR

IONOSPHERIC DATA
VERTICAL INCIDENCE
JULY, 1966

SITE. MARON SAHON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	210	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	240	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	200	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-
25	200	-	-	-	-	-	-	-
26	5	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	215	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-
MEDIAN	210	0	0	0	0	0	0	0
S.D. MED	15.00	0	0	0	0	0	0	0
L. QUART	200	0	0	0	0	0	0	0
U. QUART	227	0	0	0	0	0	0	0
RANGE	27	0	0	0	0	0	0	0

CHARACTERISTIC. F0ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

JULY, 1966

SITE. NAKON SAKON
LOCAL STANDARD TIME

DAY /HR	5	145	205	345	405	505	605	705
1	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-
MEDIAN	3.70	6.46	4.80	5.65	...	...	...	5.07
S.D. MED	1.94	1.33	1.30	1.19	...	...	...	1.05
U QUANT	6.30	6.75	6.85	5.95	6.35	6.10	4.90	5.45
RANGE	6.26	5.68	6.01	5.91	.81	6.09	4.89	6.50

CHARACTERISTIC. F0ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

JULY, 1966

***TE. NAKOM SAUON
LOCAL STANDARD TIME

DAY /M/	005	045	1005	1105	1205	1305	1405	1505
1	9.70L	6.50L	5.70L	5.90L	7.95L	11.20L	16.40Q	11.00Q
2	6.00L	C	12.40Q	11.00Q	7.95L	6.80L	12.20Q	15.90Q
3	C	9.40L	10.90L	11.40Q	15.90Q	12.00Q	11.00Q	6.95L
4	7.00L	6.55L	7.00L	8.40L	15.80Q	5.90Q	-	7.95L
5	10.00L	6.55L	9.00L	9.00L	7.00L	6.60L	-	-
6	C	7.10L	12.20L	7.40L	12.00Q	C	14.00Q	17.30Q
7	C	-	-	-	5.12L	7.05L	5.52L	-
8	-	5.15L	6.95L	7.50L	-	5.30L	6.55L	7.00L
9	6.00L	-	7.30L	C	11.60Q	5.30L	10.60Q	-
10	9.40L	7.30L	7.30L	7.00L	5.70L	6.50L	7.00L	-
11	6.50L	6.90L	5.60L	6.00L	6.50L	C	C	-
12	7.20L	6.45L	7.50L	6.50L	15.20Q	10.60Q	0.10L	C
13	6.55L	7.50L	7.10L	7.80L	9.90L	2.70L	7.50L	7.50L
14	7.85L	6.00L	5.40L	5.00L	5.30L	5.00L	-	6.55L
15	7.20L	5.95L	6.00L	12.20Q	-	-	-	-
16	7.05L	6.40L	C	C	-	11.00L	6.75L	7.60L
17	-	C	11.40Q	13.10Q	-	13.20Q	16.20Q	10.00L
18	6.10L	6.00L	7.10L	7.00L	5.65L	5.05L	-	C
19	7.00L	11.50Q	7.00L	5.90L	7.20L	5.20L	C	0.80L
20	6.00L	5.00L	7.40L	5.15L	7.00L	5.20L	7.30L	6.60L
21	6.35L	7.10L	7.45L	7.80L	0.90L	6.20L	5.10L	6.95L
22	-	6.00L	7.05L	7.90L	6.60L	-	6.90L	4.06L
23	0.10L	7.00L	6.20L	5.95L	7.85L	9.40L	5.10L	10.00Q
24	7.95L	4.90L	7.90L	6.50L	6.30L	5.00L	6.90L	-
25	-	5.70L	9.40L	7.90L	C	-	7.25L	11.00Q
26	6.95L	11.04Q	7.95L	C	-	C	12.40Q	-
27	6.50L	C	-	6.50L	5.20L	4.00L	C	7.55L
28	5.60L	C	5.76L	7.10L	5.70L	5.15L	5.62L	4.30L
29	-	6.36L	5.65L	-	-	C	6.50L	-
30	7.50L	7.10L	7.60L	9.00L	C	5.70L	7.40L	-
31	5.90L	-	-	7.00L	11.50L	-	-	-
MEDIAN	7.00	6.55	7.20	7.39	7.62	6.35	7.40	7.75
S.D. MED	1.19	1.69	2.29	2.09	3.62	2.97	3.79	3.49
L QUART	6.35	6.00	6.20	6.50	5.70	5.30	6.52	6.95
U QUART	7.85	7.10	7.90	8.40	11.50	10.60	12.00	10.00
RANGE	1.50	1.10	1.70	1.90	5.60	5.30	5.40	5.85

CHARACTERISTIC. F0ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

JULY, 1966

SITE. NAKON SAHON
LOCAL STANDARD TIME

DAY /HR 1605	1705	1805	1905	2005	2105	2205	2305
1	8.00L	7.40F	5.60F	C*	C	C	C
2	10.90Q	7.90F	-	C*	-	-	-
3	6.55L	-	C*	C	C*	-	-
4	-	-	-	-	-	-	-
5	11.10Q	-	-	-	-	-	-
6	5.65L	7.60F	9.20F	5.70F	5.80F	-	5.95F
7	5.70L	1.60F	6.60F	-	5.95F	-	C
8	4.95L	-	-	-	-	C*	-
9	-	-	-	-	-	-	-
10	5.55L	-	-	-	-	-	5.60F
11	C*	5.21F	4.75F	5.65F	-	-	-
12	7.00L	5.62F	-	-	-	-	-
13	5.40L	-	-	-	-	-	-
14	4.92L	7.00F	5.30F	9.00F	7.70F	7.70F	7.80F
15	6.70L	7.05F	6.40F	-	-	C	C
16	7.10L	5.63F	5.75F	-	-	-	-
17	-	-	-	7.60F	-	-	-
18	C	9.60F	7.00F	C	C	C	C
19	7.60L	-	5.60F	-	-	-	-
20	15.00Q	6.50F	5.95F	-	-	6.05F	5.40F
21	-	-	-	-	-	-	6.20F
22	5.55L	C*	C*	-	-	-	-
23	5.81L	5.97F	5.70F	-	-	-	-
24	7.50L	-	-	-	-	-	-
25	5.50L	7.50F	6.50F	5.90F	5.70F	-	-
26	10.00L	-	C	C	-	-	-
27	7.80L	-	-	-	C*	-	-
28	5.77L	7.10F	-	-	C*	-	-
29	-	-	9.20F	-	6.10F	5.50F	-
30	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-
MEDIAN	6.05	7.02	5.04	5.90	5.95	6.05	5.95
S.D. MED	2.67	1.27	1.40	1.59	1.80	1.80	1.81
U. QUART	5.67	5.62	5.60	5.67	5.75	5.50	5.50
L. QUART	7.53	7.50	6.80	8.50	6.93	7.70	7.03
RANGE	2.23	1.88	1.20	2.63	1.15	2.20	1.53

CHARACTERISTIC. H ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

JULY, 1966

SITE: NAZON SAHON
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-
MEDIAN	115	110	110	110	110	110	120	110
S.D.-MED	5.64	3.54	6.14	6.12	2.86	1.00	9.60	5.67
L QUART	117	107	110	107	105	109	105	105
U QUART	119	112	120	116	110	110	120	115
RANGE	12	5	10	9	5	1	15	10

CHARACTERISTIC. H ES

LONG/MERIC DATA
VERTICAL INCIDENCE

JULY, 1946

SITE. NAKON SAMON
LOCAL STANDARD TIME

DAY	HR	805	905	1005	1105	1205	1305	1405	1505
1	110	105	105	105	110	115	105	101	105
2	120	C	105	110	105	105	105	103	105
3	C	109	105	110	104	105	105	110	101
4	110	106	105	105	100	101	105	-	111
5	100	105	105	105	105	105	99	-	99
6	C	110	110	100	101	103	C	105	100
7	-	120	-	110	107	105	105	105	105
8	-	105	105	105	105	105	104	105	105
9	105	105	105	105	105	105	101	105	-
10	107	110	105	105	105	105	105	105	-
11	110	105	105	105	105	105	105	105	C
12	105	105	105	105	105	105	105	105	105
13	105	105	105	105	105	105	105	105	101
14	105	105	105	105	105	105	105	105	102
15	110	105	105	105	105	105	105	105	-
16	105	105	105	105	105	105	105	105	101
17	C	105	105	110	110	105	105	105	104
18	110	105	105	105	105	105	105	105	C
19	105	105	105	105	105	105	105	105	105
20	115	100	105	105	105	105	105	105	105
21	105	105	105	105	105	105	105	105	105
22	-	105	105	105	105	105	105	105	105
23	110	110	110	105	105	105	110	111	105
24	107	110	110	105	105	105	105	105	105
25	-	105	105	105	105	105	105	105	105
26	105	105	105	105	105	105	105	105	105
27	120	C	C	105	105	105	105	105	105
28	-	105	105	105	105	105	105	105	105
29	106	105	105	105	105	105	105	105	105
30	110	105	105	105	105	105	105	105	105
31	120	105	105	105	105	105	105	105	-
MEDIAN	107	105	105	105	105	105	105	105	104
S.D. MED	5.90	4.01	2.05	3.00	3.95	2.47	3.10	3.02	3.10
L QUART	105	105	105	105	105	105	105	105	105
U QUART	110	105	105	105	105	105	105	105	105
RANGE	5	3	3	1	2	1	1	3	1

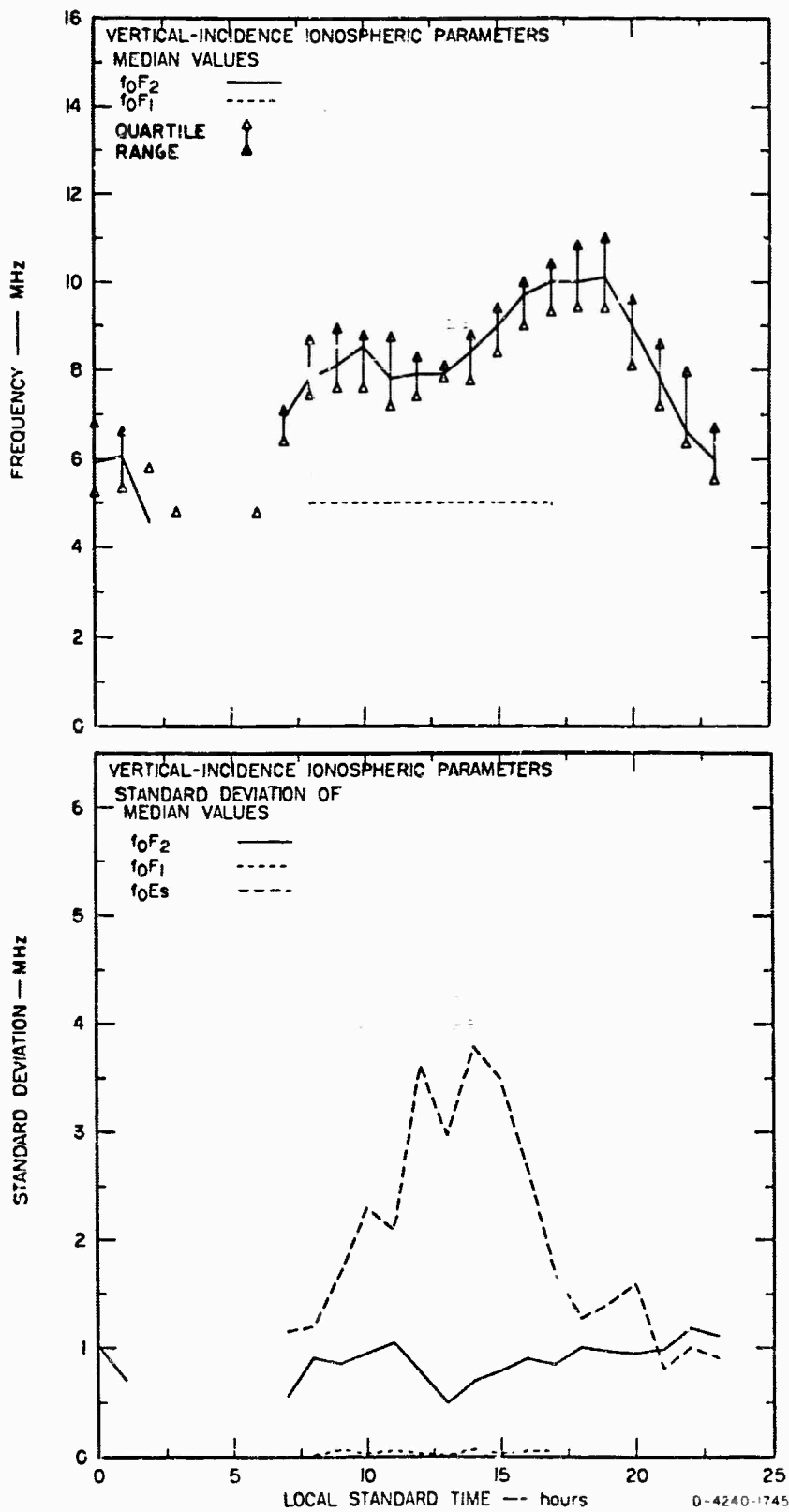
CHARACTERISTIC. MES

LONG-TERM DATA
VERTICAL INCIDENCE

JULY, 1966

SITE. NALON SALON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	105	-	100	101	C°	C	C	C
2	105	10	101	-	C	C°	-	-
3	-	-	-	C°	-	-	-	-
4	102	-	-	-	-	-	-	-
5	101	101	-	-	-	-	-	-
6	105	105	120	117	115	112	-	105°
7	95	120	120	112	-	115	C°	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	105°	100	100	105	101	-	-	120
12	105	-	101	-	-	-	-	-
13	110	101	101	-	-	-	-	-
14	120	101	104	111	110	115	110	105°
15	110	104	101	107	-	-	C	-
16	105	101	100	101	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	101	-	C	-	-
20	100	-	101	105	-	-	-	-
21	105	102	101	101	-	-	110	115
22	-	-	-	-	-	-	-	120
23	110	107	-	C°	-	-	-	-
24	105	105	105	101	-	-	C°	-
25	101	105	110	100	101	-	-	-
26	5	101	110	100	-	110	-	-
27	100	101	-	-	-	-	-	-
28	101	101	102	-	-	C°	-	-
29	105	-	-	-	-	105	120	-
30	-	-	-	-	-	-	-	-
31	-	-	-	120	-	-	-	-
MEDIAN	105	101	101	105	105	112	110	115
S.D. MED	4.82	5.70	7.92	5.17	5.60	3.77	5.71	7.07
L. QUART	101	101	101	101	101	107	110	105
U. QUART	105	105	100	105	112	115	120	120
RANGE	4	4	7	8	11	8	10	15



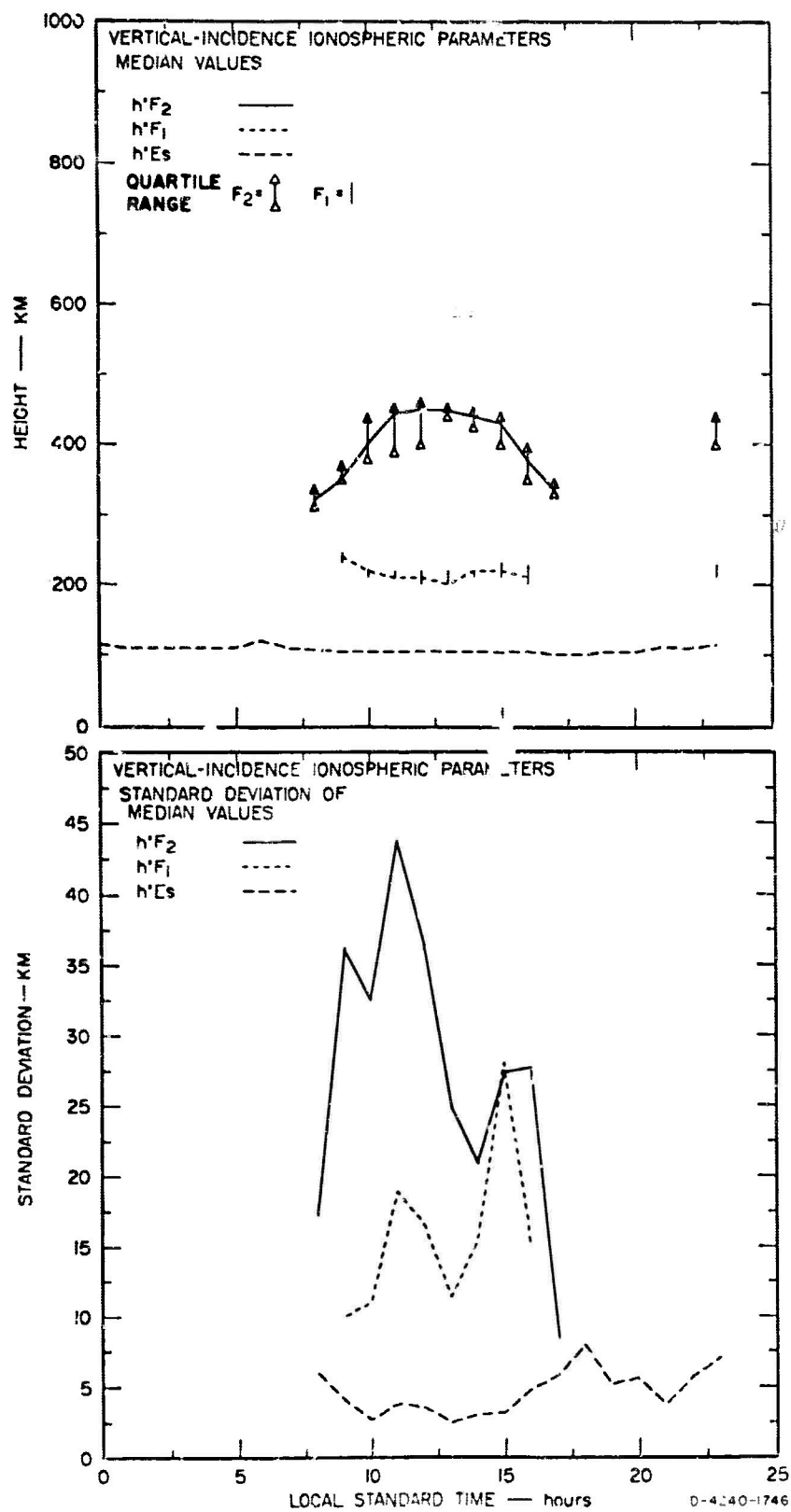


FIG. 21 VIRTUAL HEIGHT SUMMARY, NAKHON SAWAN, JULY, 1966

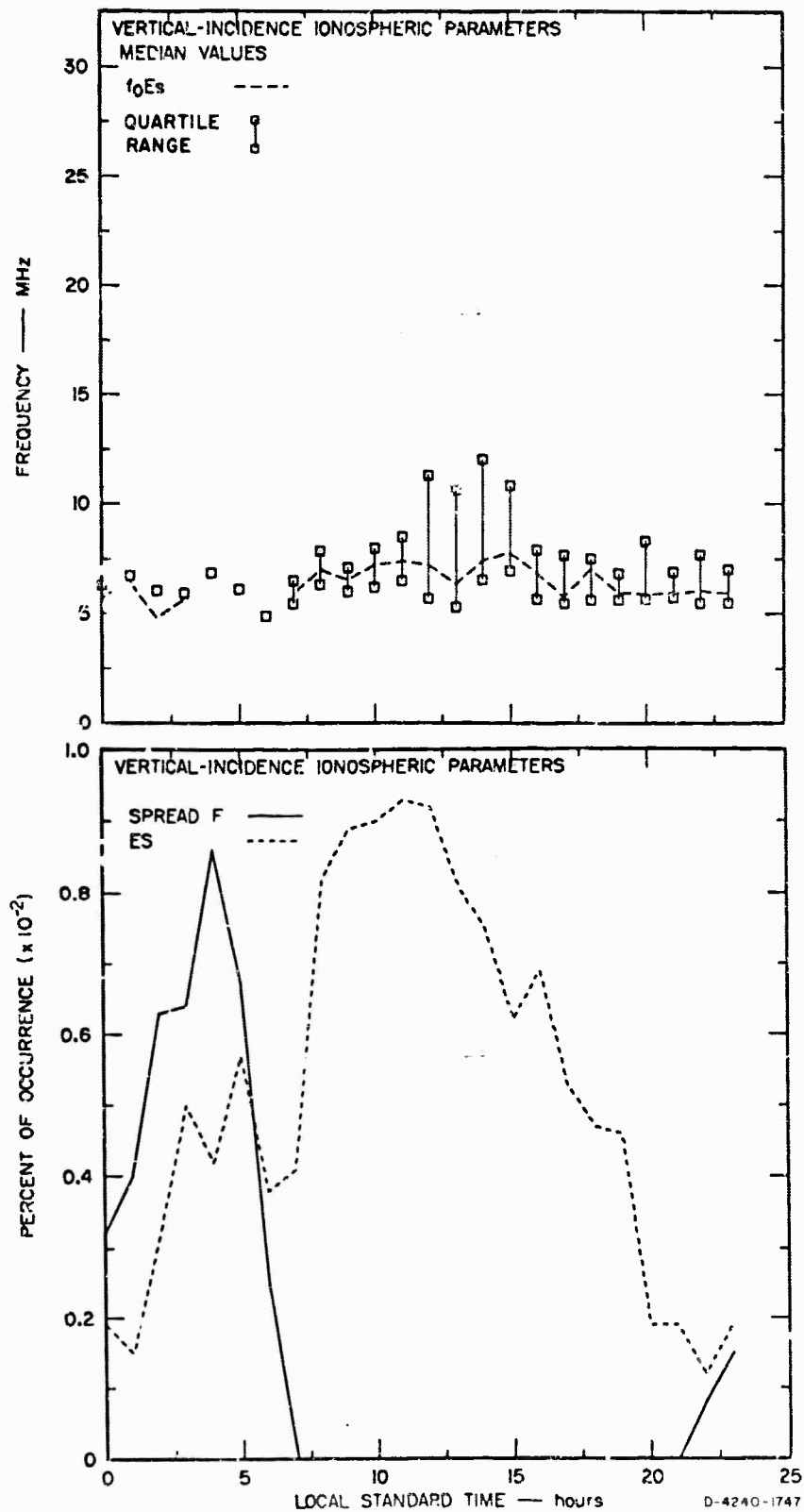


FIG. 22 SPORADIC E AND SPREAD F SUMMARY, NAKHON SAWAN, JULY, 1966

CHARACTERISTIC. FORZ

ATMOSPHERIC DATA
VERTICAL INCIDENCE
AUG., 1966

SITE. NAKON SAHON
LOCAL STANDARD TIME

DAY /HR	5	105	2P3	3P5	4P5	5P5	6P5	7P5
1	F	F	F	C	C	C	C	6.95
2	7.70	6.45	4.90	C	C	C	C	6.71
3	F	F	F	F	F	C	5.10	7.05
4	C	F	F	C	C	C	C	7.20
5	9.40R	7.50R	6.40	4.40	C	C	C	8.50
6	C	C	C	C	C	C	C	7.20
7	C	C	C	C	C	C	C	7.90R
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	7.15
10	5.00	5.40	4.90	C	C	C	C	6.36
11	6.50R	5.50	4.50	C	C	C	C	7.20
12	C	C	5.10	C	C	C	C	C
13	C	8.20	C	C	C	C	C	6.41
14	C	C	C	C	C	C	C	C
15	5.10	5.54R	C	C	C	C	C	7.10R
16	C	C	C	C	C	C	C	6.95
17	C	C	C	C	C	C	C	7.55R
18	C	C	C	C	C	C	C	6.50
19	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C
21	F	C	C	C	C	C	C	C
22	5.20	C	C	C	C	C	6.95	8.00
							7.00R	
MEDIAN	5.09	5.54	4.90	...	...	...	...	7.07
S.D. MED	2.11	1.40	1.71	...	...	...	...	1.61
L. QUART	6.51	5.40	5.10	...	...	...	...	6.40
U. QUART	6.46	7.30	5.14	...	...	...	...	7.20
RANGE	4.00	2.10	2.00	...	...	...	...	1.80
BLANK	0	1.00	2.00	3.00	4.00	2.00	12.00	2.00
ES	0	.08	.10	.20	0	0	.20	.35
SPRD F	.50	.45	.50	.25	0	0	.25	0

CHARACTERISTIC. F072

IONOSPHERIC DATA
VERTICAL INCIDENCE
AUG., 1966

SITE. NAKON SAHON
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	7.90	8.60R	8.30	9.90R	7.00R	8.10	C	9.20
2	8.10	8.80	8.90R	9.60	9.90	10.90	10.72	10.92
3	8.60		9.20	9.20R	7.70	8.10	8.90	
4	8.92	9.10	9.20	9.20R	9.20R	9.20	9.20	9.20
5	7.70	7.80	8.94	8.25	8.25	8.80	9.20	9.94
6	8.40	C	6.70	7.90R	8.92R	8.60R	C	9.90R
7	7.99	9.92R	9.90R	8.60R	8.20R	8.00	9.00	9.00R
8	C	C	C	7.50R	8.20R	8.40R	9.40	9.00
9	8.04R	9.00	9.40R	9.00R	9.40	9.40R	9.40	9.00R
10	9.03	8.40	9.50	9.00R	9.00R	9.24	10.24	10.00
11	9.12R	C	C	9.00R	8.80R	9.00R	8.80	8.80
12	C	C	C	C	9.84R	10.00	10.10R	9.64R
13	7.97R	8.60R	8.92	8.40	8.40	8.70	5.70	9.90R
14	C	9.90R	9.80R	8.72R	8.40R	8.00	C	
15	9.90R	9.90	8.90R	7.56	8.40	8.60	9.32	10.40
16	9.00	9.00R	8.92R	C	C	9.20	9.90	9.90
17	8.40	7.00R	7.55R	6.64	7.90R	C	C	C
18	8.00R	C	6.40	8.10R	C	C	10.02	9.00
19	7.70	8.90R	7.50	8.10R	7.90R	9.00	9.00R	5.00
20	6.93	C	S	S	C	C	C	S
21	7.91	9.04	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C
MEDIAN	8.07	9.00	8.84	8.40	8.40	9.00	9.20	9.00
S.D. MED	7.79	7.75	1.09	8.85	7.72	9.75	1.14	1.39
L QUART	7.91	8.60	7.95	7.58	8.00	8.60	9.00	9.20
U QUART	8.92	9.10	9.30	9.00	9.20	9.24	10.02	10.00
RANGE	1.01	.50	1.75	1.42	1.20	.64	1.02	.80
BLANK	0	0	0	0	0	0	0	0
ES	.67	.88	.70	.79	.95	.83	.80	.61
SPRD F	0	0	0	0	0	0	0	0

CHARACTERISTIC. F072

IONOSPHERIC DATA
VERTICAL INCIDENCE

AUG., 1966

SITE. NAKON SAIKON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	9.10R	C	C	-	9.00R	9.40R	8.60R	7.74
2	10.00	11.20R	11.90R	11.90R	10.30R	9.90R	F	F
3	7.90R	9.60R	10.40	10.00	9.00	8.20R	8.60	8.00
4	10.12	11.20R	12.20R	10.00	9.80R	9.12	8.90	8.76
5	10.16	11.20R	11.20R	10.04	9.40R	7.80R	6.60	4.90
6	11.10R	11.24R	12.16R	12.00R	10.10	8.00R	6.50R	5.22R
7	10.20R	10.00	9.90	10.40	10.20	7.40	7.10	5.90
8	8.00	9.40	11.90R	11.90R	9.80	7.00R	5.95	C
9	10.66	11.40R	11.30R	11.50R	10.24R	9.60R	8.20R	6.55R
10	9.92	10.00	12.00R	11.60R	10.80R	F	H	C
11	9.10R	5	10.40R	10.40R	9.80R	F	F	C
12	9.20	10.00	11.92R	12.40R	10.00R	9.40R	F	C
13	10.00	11.00	10.92	11.40R	9.74R	9.00	8.05	5.10
14	11.00	11.96R	11.30	S	12.00R	10.52	5.90	C
15	11.06	10.82R	10.52	11.00R	12.40R	7.65R	6.44R	C
16	10.06	C	11.72R	13.00R	11.20	9.20	5.90	C
17	9.10	C	12.40R	10.40	9.24	C	C	C
18	C	C	C	C	C	C	C	C
19	10.20	11.30	11.64	11.40	10.24	9.00R	7.60R	6.50
20	S	11.00	11.64	H	8.36	7.65R	4.95	4.35
21	C	C	C	C	C	8.00R	7.90R	6.30R
22	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C
31	C	C	C	C	C	C	C	C
MEDIAN	10.10	11.00	11.64	11.24	9.82	9.00	7.10	6.30
S.D. MED	.91	.77	.74	.94	.82	.95	1.13	.30
L QUART	9.10	10.00	10.92	10.40	9.40	8.00	5.90	5.10
U QUART	10.00	11.20	11.96	11.90R	10.24	9.40	8.20	7.74
RANGE	1.70	1.20	1.04	1.50	.84	1.40	2.21	2.60
BLANK	0	0	0	0	0	0	0	0
ES	.74	.50	.53	.45	.65	.15	.05	.15
S-20 F	0	0	0	0	0	.21	.21	

CHARACTERISTIC. H F072

IONOSPHERIC DATA
VERTICAL INCIDENCE

AUG., 1966

SITE. NAJON SAJON
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	-	-	-	-	-	-	C	360
2	-	320	333	400	400	400	369	410
3	-	-	450	440	-	-	400	-
4	-	-	480	400	364	420	395	400
5	-	300	405	-	-	-	-	396
6	-	C	450	-	-	300	C	410
7	-	350	350	410	440	440	430	360
8	-	C	C	-	-	-	405	-
9	-	360	395	-	400	400	390	390
10	300	360	350	400	400	410	370	340
11	-	C	C	C	440	440	400	365
12	-	300	369	374	400	302	380	-
13	-	-	340	450	-	-	-	-
14	-	-	400	-	452	412	-	-
15	-	350	400	-	-	-	-	-
16	-	-	400	300	409	391	300	-
17	-	-	-	-	-	-	-	C
18	-	340	-	410	446	C	C	C
19	570	C	440	570	C	C	390	-
20	-	-	S	S	300	300	350	S
21	-	-	C	-	C	C	C	C
22	-	C	-	-	-	-	-	-
MEDIAN	..	395	304	400	400	400	384	365
S.D. MED	..	10.71	37.03	25.43	25.15	25.31	20.79	27.11
L QUART	..	345	350	380	390	382	375	395
U QUART	..	370	412	410	440	420	400	405
RANGE	..	25	52	22	50	50	25	50

CHARACTERISTIC. H FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE
AUG., 1966

SITE. NAKON SAHON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	350	C ¹	C ¹	-	-	-	-	-
2	370	350	-	-	-	-	-	-
3	470	350	-	-	-	-	-	-
4	410	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	530	-	-	-	-	-	-	-
7	340	-	-	-	-	-	-	-
8	330	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	400	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	350	320	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-
MEDIAN	370	350	-	-	-	-	-	-
S.D. MED	27.94	17.32	-	-	-	-	-	-
L QUART	345	320	-	-	-	-	-	-
U QUART	400	350	-	-	-	-	-	-
RANGE	55	30	-	-	-	-	-	-

CHARACTERISTIC. FOR

IONOSPHERIC DATA
VERTICAL INCIDENCE

AUG., 1966

SITE. NAJON SAJON
LOCAL STANDARD TIME

DAY /HR	5	10	15	20	25	30	40	50	60	70
1	F	F	F	F	F	F	F	F	F	F
2	E	E	E	E	E	E	E	E	E	E
3	F	F	F	F	F	F	F	F	F	F
4	E	E	E	E	E	E	E	E	E	E
5	F	F	F	F	F	F	F	F	F	F
6	E	E	E	E	E	E	E	E	E	E
7	F	F	F	F	F	F	F	F	F	F
8	E	E	E	E	E	E	E	E	E	E
9	F	F	F	F	F	F	F	F	F	F
10	E	E	E	E	E	E	E	E	E	E
11	F	F	F	F	F	F	F	F	F	F
12	E	E	E	E	E	E	E	E	E	E
13	F	F	F	F	F	F	F	F	F	F
14	E	E	E	E	E	E	E	E	E	E
15	F	F	F	F	F	F	F	F	F	F
16	E	E	E	E	E	E	E	E	E	E
17	F	F	F	F	F	F	F	F	F	F
18	E	E	E	E	E	E	E	E	E	E
19	F	F	F	F	F	F	F	F	F	F
20	E	E	E	E	E	E	E	E	E	E
21	F	F	F	F	F	F	F	F	F	F
22	E	E	E	E	E	E	E	E	E	E
MEDIAN	0	0	0	0	0	0	0	0	0	0
S.D.	0	0	0	0	0	0	0	0	0	0
Q1	0	0	0	0	0	0	0	0	0	0
Q3	0	0	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0	0	0

CHARACTERISTIC. F051

IONOSPHERIC DATA
VERTICAL INCIDENCE

AUG., 1966

SITE. NAKON SAMON
LOCAL STANDARD TIME

DAY /HR	905	305	1005	1105	1205	1305	1405	1505
1	-	5.00	5.00	5.00	5.00	5.05	5.01	5.00
2	-	5.00	5.00	5.01	5.01	5.05	5.02	5.00
3	-	5.00	5.00	5.05	5.01	5.00	5.00	5.00
4	-	5.00	5.00	5.00	5.00	5.01	5.01	5.01
5	-	5.00	5.00	5.00	5.00	5.01	5.02	5.04
6	-	5.00	5.00	5.00	5.00	5.00	5.00	5.00
7	-	5.00	5.00	5.00	5.00	5.00	5.00	5.00
8	-	5.00	5.00	5.00	5.00	5.00	5.00	5.00
9	-	5.00	5.00	5.00	5.00	5.00	5.00	5.00
10	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
11	-	5.00	5.00	5.00	5.00	5.00	5.00	5.00
12	-	5.00	5.00	5.00	5.00	5.00	5.00	5.00
13	-	5.00	5.00	5.00	5.00	5.00	5.00	5.00
14	-	5.00	5.00	5.00	5.00	5.00	5.00	5.00
15	-	5.00	5.00	5.00	5.00	5.00	5.00	5.00
16	-	5.00	5.00	5.00	5.00	5.00	5.00	5.00
17	-	5.00	5.00	5.00	5.00	5.00	5.00	5.00
18	-	5.00	5.00	5.00	5.00	5.00	5.00	5.00
19	5.05	5.00	5.00	5.00	5.00	5.00	5.00	5.00
20	-	5.00	5.00	5.00	5.00	5.00	5.00	5.00
21	-	5.00	5.00	5.00	5.00	5.00	5.00	5.00
22	-	5.00	5.00	5.00	5.00	5.00	5.00	5.00
MEDIAN	..	5.00	5.00	5.00	5.00	5.00	5.00	5.00
S.D. MED	..	5.00	5.00	5.00	5.00	5.00	5.00	5.00
L QUART	..	5.00	5.00	5.00	5.00	5.00	5.00	5.00
U QUART	..	5.00	5.00	5.00	5.00	5.00	5.00	5.00
RANGE	..	5.00	5.00	5.00	5.00	5.00	5.00	5.00

CHARACTERISTIC. PPT

IONOSPHERIC DATA
VERTICAL INCIDENCE
FREQ., 1966

SITE, NAKON SAHON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	5.01	C	C	-	-	-	-	F
2	5.01	5.00	-	-	-	-	-	F
3	5.00	-	-	-	-	-	-	-
4	5.00	5.00	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	5.00	-	-	-	-	-	-	-
7	5.05	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	5.00	-	-	-	-	-	-	-
10	-	S	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	5.00	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	5.05	-	-	-	-	-	-
19	5.02	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-
MEDIAN	5.00	5.00	0	0	0	0	0	0
S.D. MED	5.02	5.05	0	0	0	0	0	0
L QUART	5.00	5.00	0	0	0	0	0	0
U QUART	5.01	5.05	0	0	0	0	0	0
RANGE	.01	.05	0	0	0	0	0	0

CHARACTERISTIC. H FOF1

ATMOSPHERIC DATA
VERTICAL INCIDENCE

AUG., 1966

SITE. NAJON SAJON
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	F	F	F	F	F	F	F	F
2	E	E	E	E	E	E	E	E
3	E	E	E	E	E	E	E	E
4	E	E	E	E	E	E	E	E
5	E	E	E	E	E	E	E	E
6	E	E	E	E	E	E	E	E
7	E	E	E	E	E	E	E	E
8	E	E	E	E	E	E	E	E
9	E	E	E	E	E	E	E	E
10	E	E	E	E	E	E	E	E
11	E	E	E	E	E	E	E	E
12	E	E	E	E	E	E	E	E
13	E	E	E	E	E	E	E	E
14	E	E	E	E	E	E	E	E
15	E	E	E	E	E	E	E	E
16	E	E	E	E	E	E	E	E
17	E	E	E	E	E	E	E	E
18	E	E	E	E	E	E	E	E
19	E	E	E	E	E	E	E	E
20	E	E	E	E	E	E	E	E
21	E	E	E	E	E	E	E	E
22	E	E	E	E	E	E	E	E
MEDIAN	0	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0	0
L. QUART	0	0	0	0	0	0	0	0
U. QUART	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

CHARACTERISTIC. W FOF1

ATMOSPHERIC DATA
VERTICAL INCIDENCE
AUG., 1966

SITE. NAZOM SAHON
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	-	-	-	-	-	-	-	-
2	-	-	220	210	210	210	210	220
3	-	-	210	210	-	210	220	-
4	-	-	222	-	-	-	-	-
5	-	-	-	-	-	210	-	-
6	-	-	-	-	-	210	-	-
7	-	-	220	212	210	-	210	224
8	-	-	-	-	-	-	-	-
9	-	-	-	-	210	210	220	254
10	-	-	-	-	210	-	215	210
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	236	210	-	-	-	-
14	-	-	204	210	-	-	-	-
15	-	-	-	224	-	-	-	-
16	-	-	215	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	210	200	-	-	-
19	-	-	210	-	-	-	-	-
20	-	-	5	5	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
MEDIAN	0	0	219	210	210	210	210	222
3. MED	0	0	212	210	210	210	210	215
U QUART	0	0	212	210	210	210	210	225
U QUART	0	0	221	216	210	210	220	229
RANGE	0	0	9	6	0	0	10	14

CHARACTERISTIC. H FOFI

IONOSPHERIC DATA
VERTICAL INCIDENCE
AUG., 1966

SITE. NAKON SAMON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	250	C	C	-	-	-	-	-
2	230	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-
MEDIAN	..	..	..	..	..	..	..	..
S.D.	..	..	..	..	..	..	..	..
L QUART	..	..	..	..	..	..	..	..
U QUART	..	..	..	..	..	..	..	..
RANGE	..	..	..	..	..	..	..	..

CHARACTERISTIC. F0ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

AUG., 1966

SITE. NAKON SAKON
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	F	F	F	F	F	F	F	-
2	F	F	F	F	F	F	F	-
3	F	F	F	F	F	F	F	-
4	F	F	F	F	F	F	F	5.72L
5	F	F	F	F	F	F	F	7.50L
6	F	F	F	F	F	F	F	-
7	F	F	F	F	F	F	F	-
8	F	F	F	F	F	F	F	-
9	F	F	F	F	F	F	F	3.74L
10	F	F	F	F	F	F	F	-
11	F	F	F	F	F	F	F	-
12	F	F	F	F	F	F	F	-
13	F	F	F	F	F	F	F	6.95L
14	F	F	F	F	F	F	F	5.85L
15	F	F	F	F	F	F	F	-
16	F	F	F	F	F	F	F	-
17	F	F	F	F	F	F	F	-
18	F	F	F	F	F	F	F	-
19	F	F	F	F	F	F	F	-
20	F	F	F	F	F	F	F	5.00L
21	F	F	F	F	F	F	F	-
22	F	F	F	F	F	F	F	5.73
								1.93
								6.40
								5.89
MEDIAN	...	...	...	...	...	...	...	...
S.D. MED	...	...	...	...	...	...	...	...
L. QUART	...	...	...	...	...	...	...	...
U. QUART	...	...	...	...	...	...	...	...
RANGE	0	...	...	...	...	...	...	...

CHARACTERISTIC. F0E3

IONOSPHERIC DATA
VERTICAL INCIDENCE

AUG., 1966

SITE. NAKON SALON
LOCAL STANDARD TIME

DAY /HR	005	905	1035	1105	1205	1305	1405	1505
1	7.00L	0.20L	19.90Q	15.00Q	7.70L	15.40Q	C	6.50L
2	5.55L	6.50L	7.00L	6.50L	5.45L	4.90L	C	11.00Q
3	5.90L	11.54Q	7.00L	6.60L	5.90L	10.92Q	11.00Q	11.00Q
4	-	7.10L	0.00L	8.00L	7.00L	9.00L	9.40L	5.00L
5	5.00L	5.00L	7.00L	11.50Q	13.00Q	16.00Q	11.70Q	11.00L
6	7.50L	C	13.40Q	0.00L	6.42L	7.00L	C	7.50L
7	5.90L	6.00L	C	-	4.70L	-	5.10L	-
8	C	C	C	15.60Q	11.20Q	11.40Q	11.40Q	15.40Q
9	-	5.66L	7.10L	9.40L	5.55L	5.60L	5.90L	-
10	-	7.50L	9.00L	11.20Q	12.40Q	7.00L	11.00Q	-
11	7.00L	C	C	C	4.80L	6.40L	12.20Q	-
12	C	C	C	C	6.90L	4.00L	6.74L	13.92Q
13	-	7.20L	11.00L	7.60L	19.96Q	16.00Q	6.55L	16.00Q
14	C	5.06L	11.00L	9.12L	7.50L	7.12L	C	16.00Q
15	5.95L	6.66L	9.74L	13.10Q	15.20Q	7.70L	12.60Q	10.00L
16	7.10L	6.99L	7.00L	6.00L	4.00L	-	-	8.00L
17	9.40L	10.84L	9.00L	12.24Q	11.40Q	15.90Q	15.00Q	C
18	-	5.92L	-	-	C	C	C	C
19	6.25L	C	-	-	C	C	5.70L	-
20	5.15L	-	6.00L	5.25L	7.60L	C*	6.60L	S
21	-	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C
MEDIAN	6.22	6.92	8.07	9.12	7.25	7.00	10.20	11.00
S.D. MED	1.21	1.81	3.53	3.20	4.24	4.55	3.21	3.71
L QUART	5.87	6.50	7.10	6.66	5.55	6.40	6.55	7.30
U QUART	7.30	7.50	11.00	12.24	11.40	15.40	11.00	15.40
RANGE	1.43	1.50	3.90	5.58	5.85	9.00	5.25	8.10

CHARACTERISTIC. F0ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

AUG., 1966

SITE. HUKON SAHON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	5.70L	C°	C°	6.00F	-	-	-	-
2	-	-	5.65F	7.02F	-	-	-	-
3	-	-	-	-	-	-	-	-
4	9.88L	5.80L	5.70F	5.90F	-	-	-	-
5	9.00L	-	5.60F	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	8.76L	6.60L	-	-	-	-	-	-
8	4.50L	-	-	-	-	-	-	-
9	6.94L	9.00L	8.94F	6.66F	-	-	-	-
10	5.60L	5.00L	5.00F	-	-	-	-	-
11	7.00L	5.00L	-	-	-	-	-	-
12	7.96L	5.55L	-	-	-	-	-	-
13	11.96Q	10.20L	5.88F	8.40F	7.90F	7.00F	7.10F	-
14	12.36Q	11.40L	7.92F	6.60F	-	-	-	-
15	7.15L	-	6.60F	5.26F	-	-	-	-
16	7.20L	-	5.30F	-	-	7.15F	-	-
17	-	-	-	-	-	-	-	-
18	4.90L	4.90L	-	6.98F	-	-	-	-
19	-	-	-	6.62F	-	5.80F	-	-
20	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-
MEDIAN	7.17	6.20	5.67	6.62	..	7.00	..	8.00
S.D. MED	2.56	2.62	1.31	5.83	..	5.70	..	8.00
U. QUART	5.70	5.27	5.60	5.95	..	7.00	..	8.00
U. QUART	8.76	9.50	6.60	7.00	..	7.15	..	8.00
RAISE	5.06	4.33	6.60	1.05	..	1.35	..	8.00

CHARACTERISTIC. M ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

AUG., 1966

SITE. NAKON SAKON
LOCAL STANDARD TIME

DAY /HR	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	MEDIAN	S.D.	MED	L QUART	U QUART	RANGE
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	106.5	0	0	0	0	0
105		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	106.5	0	0	0	0	0
205		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	115	0	0	0	0	0
305		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	110	0	0	0	0	0
405		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	110	0	0	0	0	0
505		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	100	0	0	0	0	0
605		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	105	0	0	0	0	0
705		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	105	0	0	0	0	0

CHARACTERISTIC. H ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

A" , 1966

SITE: NAYON SAHON
LOCAL STANDARD TIME

DAY /HR	0000	0600	1200	1800	2400
1	105	106	105	105	105
2	110	107	105	105	105
3	106	103	105	101	102
4	112	110	104	105	105
5	104	105	105	105	101
6	104	105	105	105	102
7	104	108	115	105	102
8	105	108	104	105	101
9	105	105	105	105	105
10	105	104	105	105	105
11	108	104	104	105	102
12	105	104	105	105	105
13	105	106	105	105	105
14	105	104	105	105	104
15	110	104	105	105	104
16	102	105	105	105	104
17	106	105	105	105	104
18	105	105	105	105	104
19	105	105	105	105	104
20	110	105	105	105	104
21	105	105	105	105	104
22	105	105	105	105	104
MEDIAN	106	105	105	105	105
S.D. MED	3.03	1.83	3.07	2.46	1.54
L QUART	105	104	104	102	101
U QUART	110	106	105	105	105
RANGE	5	2	1	3	4

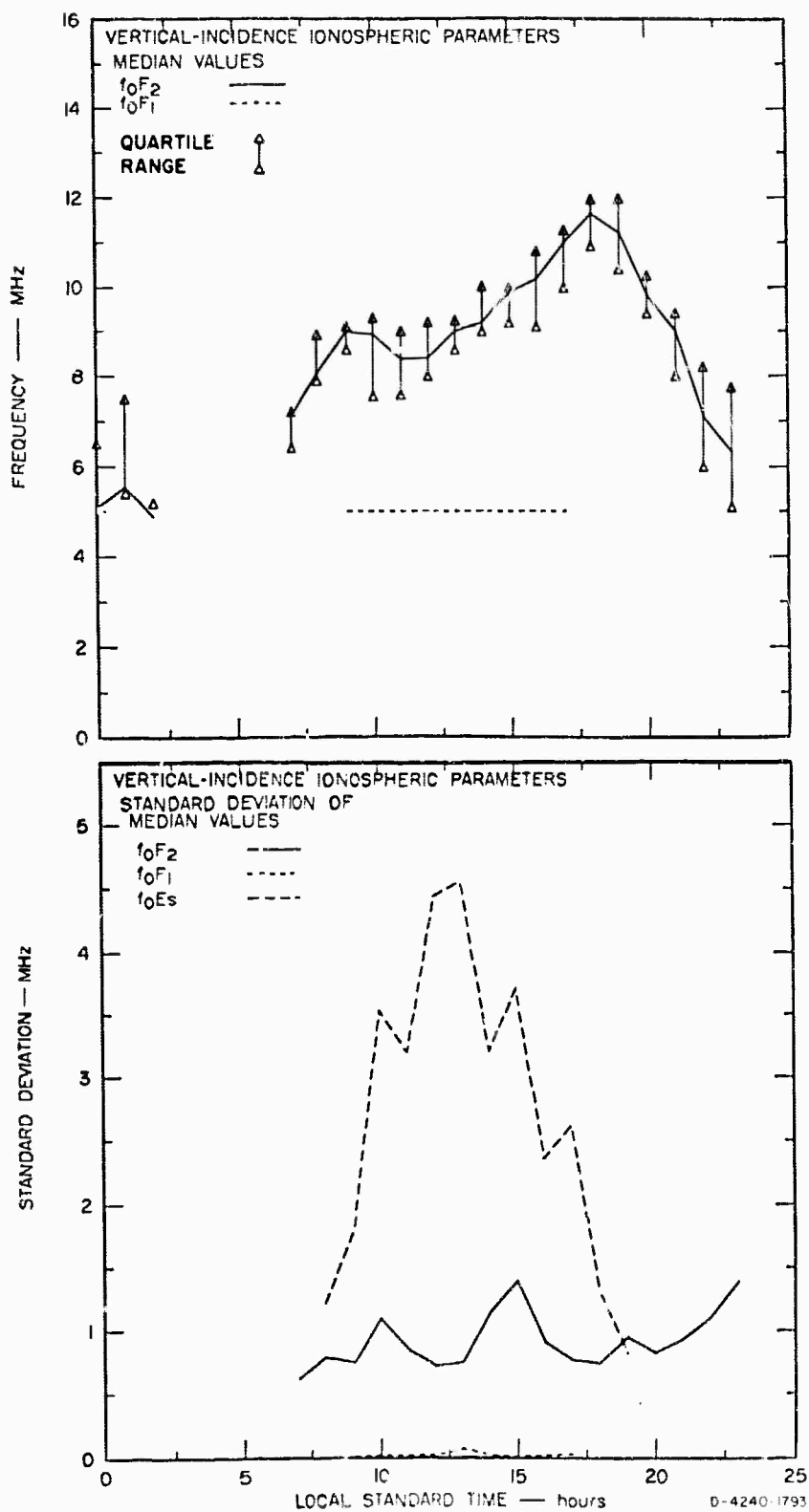
CHARACTERISTIC. M ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

AUG., 1966

SITE: NAKON SAHON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	162	C ^o	C ^o	101	-	-	-	-
2	-	-	116	100	-	-	-	-
3	-	-	105	105	-	-	-	-
4	100	100	101	-	-	-	-	-
5	101	101	-	-	-	-	-	-
6	-	101	-	-	-	-	-	-
7	100	101	-	-	-	-	-	-
8	100	102	102	-	-	-	-	-
9	106	100	100	101	-	-	-	-
10	103	102	100	-	-	-	-	-
11	103	100	101	101	-	-	-	-
12	102	100	101	100	-	-	-	-
13	103	100	101	100	-	-	-	-
14	101	101	101	100	-	-	-	-
15	102	101	101	101	-	-	-	-
16	102	101	101	105	-	-	-	-
17	102	101	101	101	-	-	-	-
18	103	103	101	101	-	-	-	-
19	103	103	101	101	-	-	-	-
20	103	103	101	101	-	-	-	-
21	103	103	101	101	-	-	-	-
22	103	103	101	101	-	-	-	-
23	103	103	101	101	-	-	-	-
24	103	103	101	101	-	-	-	-
25	103	103	101	101	-	-	-	-
26	103	103	101	101	-	-	-	-
27	103	103	101	101	-	-	-	-
28	103	103	101	101	-	-	-	-
29	103	103	101	101	-	-	-	-
30	103	103	101	101	-	-	-	-
31	103	103	101	101	-	-	-	-
MEDIAN	102	102	101	105	105	105	105	105
S.D.-MED	1.54	4.11	6.26	5.28	..	3.07	..	..
L QUART	101	101	101	101	..	102	..	..
U QUART	103	106	105	100	..	111	..	..
RANGE	2	5	4	7	..	9	..	..



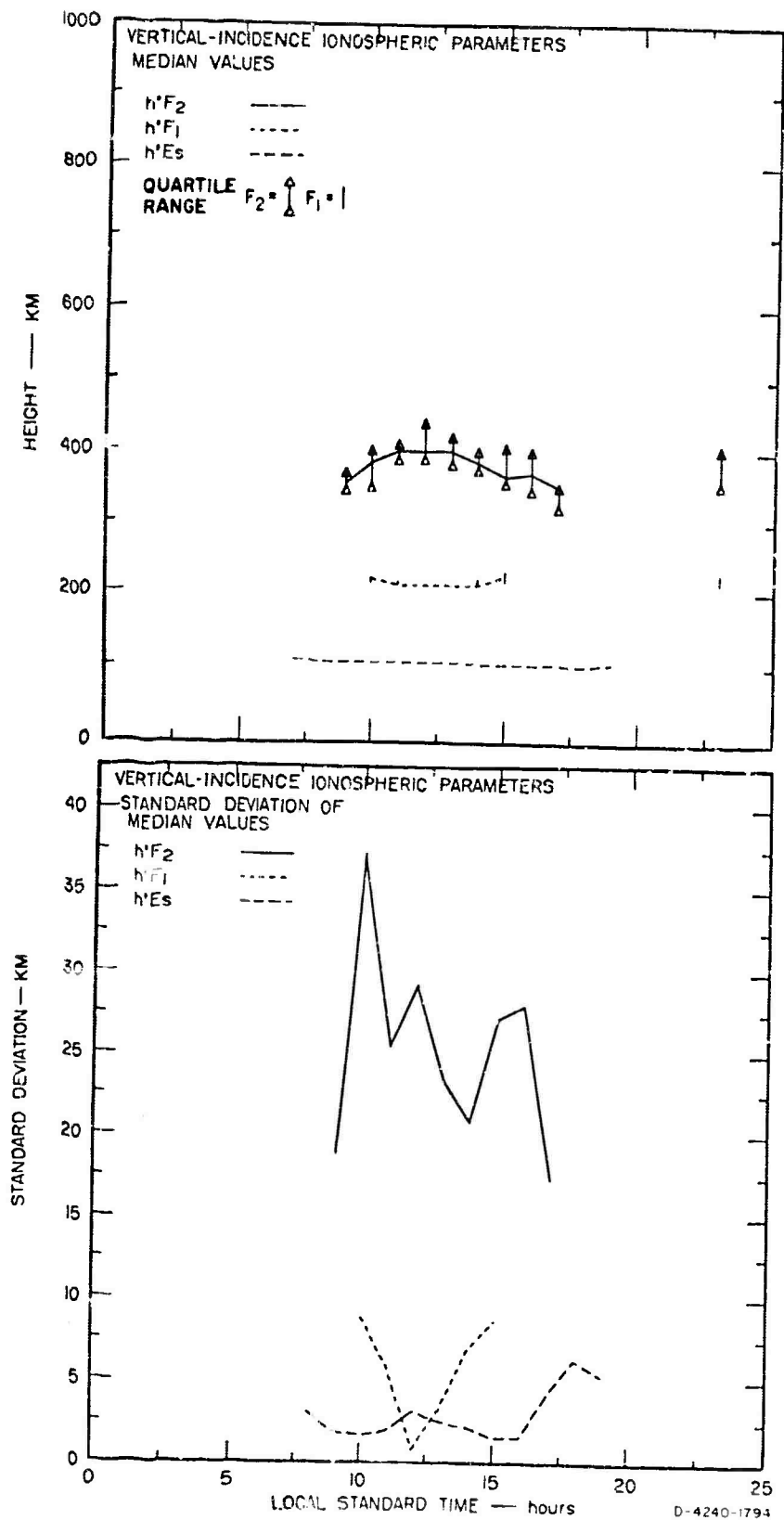


FIG. 24. VIRTUAL HEIGHT SUMMARY, NAKHON SAWAN, 1966

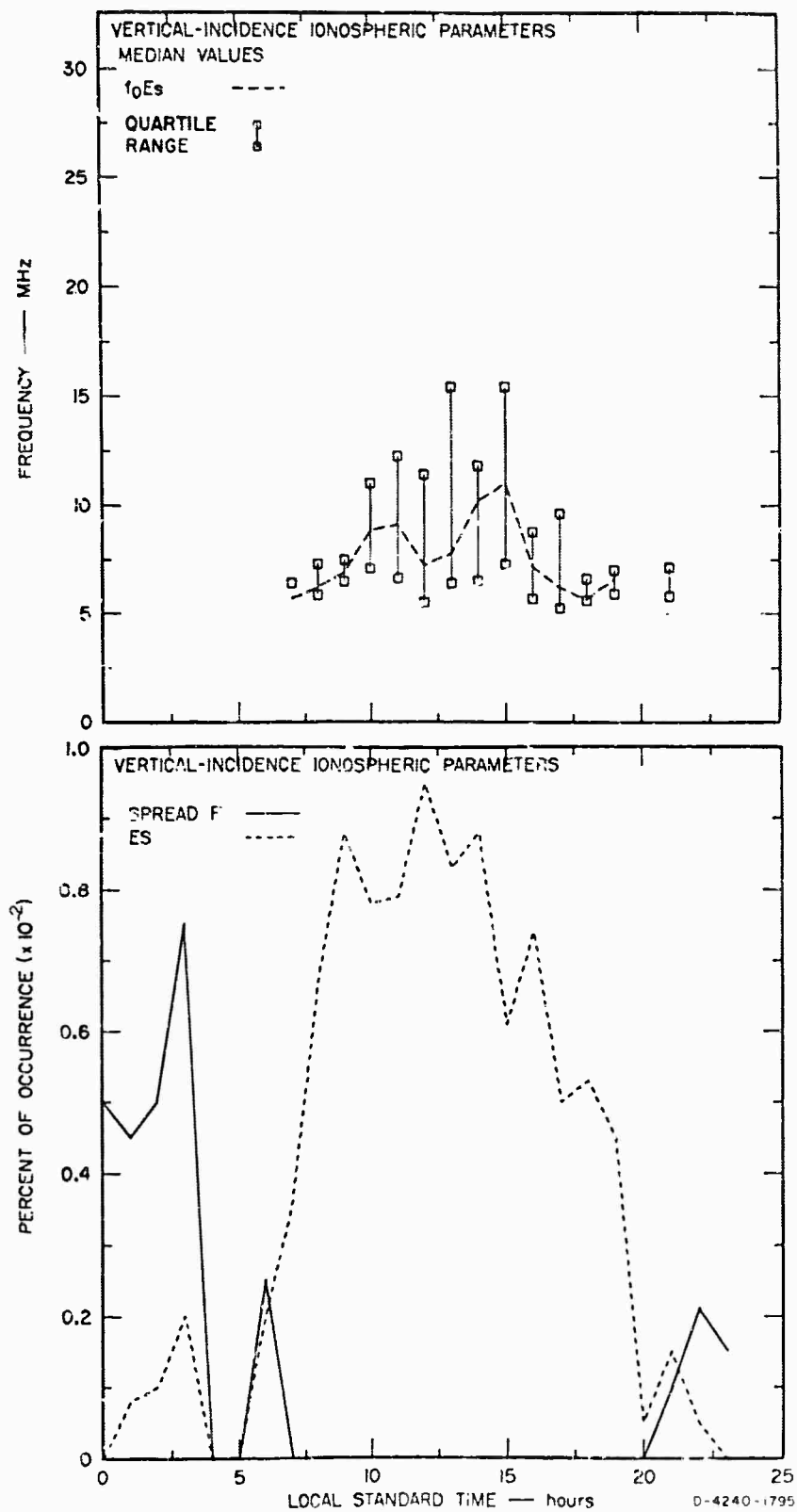


FIG. 25 SPORADIC E AND SPREAD F SUMMARY, NAKHON SAWAN, AUGUST, 1966

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

SEPT.. 1966

SITE. NAKON SAHON
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	U	U	U	U	U	U	U	U
2	U	U	U	U	U	U	U	U
3	U	U	U	U	U	U	U	U
4	U	U	U	U	U	U	U	U
5	U	U	U	U	U	U	U	U
6	U	U	U	U	U	U	U	U
7	U	U	U	U	U	U	U	U
8	U	U	U	U	U	U	U	U
9	U	U	U	U	U	U	U	U
10	5.30	4.06	5.14	5.00	5.00	5.20	5.00	7.70R
11	5.40	6.70	5.80R	5.00	5.00	5.20	5.00	7.50
12	5.40	4.06	5.80R	5.00	5.00	5.20	5.00	6.00
13	7.00R	6.20	5.40	5.00	5.00	5.20	5.00	6.00
14	U	5.25	5.40	5.00	5.00	5.20	5.00	7.00
15	U	U	5.40	5.00	5.00	5.20	5.00	6.00
16	U	U	5.40	5.00	5.00	5.20	5.00	6.00
17	U	U	5.40	5.00	5.00	5.20	5.00	6.00
18	U	U	5.40	5.00	5.00	5.20	5.00	6.00
19	7.04	8.00	9.00R	5.00	5.00	5.20	5.00	6.00
20	6.00	5.60	6.44	5.00	5.00	5.20	5.00	6.00
21	U	9.40	U	5.00	5.00	5.20	5.00	6.00
22	U	U	U	5.00	5.00	5.20	5.00	6.00
23	U	U	U	5.00	5.00	5.20	5.00	6.00
24	U	U	U	5.00	5.00	5.20	5.00	6.00
25	U	U	U	5.00	5.00	5.20	5.00	6.00
26	8.00R	8.00	8.00	5.00	5.00	5.20	5.00	6.00
27	8.50	10.60	8.00	5.00	5.00	5.20	5.00	6.00
28	8.00	9.00	8.00	5.00	5.00	5.20	5.00	6.00
29	8.00	7.00R	8.00	5.00	5.00	5.20	5.00	6.00
30	U	U	U	5.00	5.00	5.20	5.00	6.00
31	U	U	U	5.00	5.00	5.20	5.00	6.00
MEDIAN	7.44	7.30	6.44	5.00	5.00	5.20	5.00	6.00
S.D.F2	1.45	1.03	1.44	0.00	0.00	0.00	0.00	0.00
U QUANT	5.50	5.52	5.12	0.00	0.00	0.00	0.00	0.00
L QUANT	8.00	8.96	8.68	0.00	0.00	0.00	0.00	0.00
RAISE	5.30	2.00	2.00	0.00	0.00	0.00	0.00	0.00
BLANK	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SP2 F	.35	.12	.07	.00	.50	.55	.00	.06

CHARACTERISTICS: F072

IONOSPHERIC DATA
VERTICAL INCIDENCE

SEPT., 1966

SITE: NALON SAHON
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	9.08	9.76	9.64R	9.60R	9.96	9.20	9.84	9.94
10	9.10	9.80	9.80	9.00	9.10	9.20	9.84	10.00
11	9.90R	10.00	9.80	9.00	9.30	9.55	9.20	10.00
12	9.30R	9.70R	7.55R	9.40R	9.00	9.60R	9.20	9.90
13	9.60R	8.70R	7.55R	7.65R	8.10	8.60R	8.80	9.90
14	7.60	7.70	7.55R	7.65R	8.00	8.60R	8.80	9.90
15	9.10	9.20R	7.55R	9.00	8.00	8.60R	8.80	9.90
16	9.20	9.20R	9.00	9.40	9.05	10.00	9.00	11.22
17	8.22R	9.20	9.60R	9.60R	9.40	10.00	9.00	10.00
18	8.10	9.20	9.60R	9.60R	9.40	9.00	9.00	10.00
19	8.02	9.20R	9.40R	9.70R	9.10	8.10R	9.00	10.00
20	8.10	8.56	9.50R	9.70	9.60	9.40R	9.10	9.90
21	9.10	10.60	10.60	9.40	8.60	9.40R	9.90	10.90
22	7.05	C	N	C	C	C	C	C
23	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C
26	C	9.00R	10.20R	10.60	9.50	10.60R	11.40R	12.40R
27	9.00	11.20R	10.40R	9.20	9.50	9.80R	11.44	13.40
28	9.30	10.20R	10.02	8.10	8.50	9.00	11.20R	C
29	7.64	10.80	10.40R	8.00	8.10	9.00	10.00	11.02
30	7.64	9.50	C	C	9.20	9.40	10.10	11.70
MEDIAN	8.60	9.20	9.04	8.30	8.95	9.10	9.86	10.00
S.D. MED	0.74	0.90	0.99	0.81	0.66	0.70	0.65	1.15
L. QUART	8.01	9.15	8.31	8.00	8.40	8.75	9.35	9.92
U. QUART	9.15	10.25	10.30	9.20	9.10	9.60	10.50	11.56
RANGE	1.14	1.20	1.99	1.20	.70	.85	1.15	1.44
BLANK	0	0	0	0	0	0	0	0
ES	.47	.76	.81	.73	.60	.53	.65	.41
SPD F	0	0	0	0	0	0	0	0

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE
SEPT., 1966

SITE: NAKON SAKON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	11.00	12.20R	11.80R	11.20R	10.76R	10.40	8.64R	6.30R
9	11.20	11.60	12.00R	C	10.20	9.20	6.85	4.50
10	11.00	11.52	12.00R	12.20R	10.20	10.20	10.20	8.06
11	12.40R	12.80	9.20	10.10	11.20	8.92	7.20	5.50
12	10.60	10.60	11.32	11.90R	10.80	9.60R	8.30R	7.70
13	11.10	12.00R	13.10	10.40	9.44	9.12	8.40	8.52
14	12.20R	12.40R	12.16R	12.60R	13.00R	9.70R	8.90R	7.70R
15	11.90	13.70	11.80	11.12	11.20	7.65R	5.20	5.10R
16	11.50	13.40	13.44	11.10	9.52R	9.30	8.00R	6.00
17	11.30	12.60R	11.20	11.10R	F	F	F	F
18	11.10	12.80R	12.00R	11.20R	10.80	9.62	8.90	7.90R
19	11.00	11.40	12.00R	11.30R	11.00	10.00R	8.90	8.70R
20	10.60	11.30	12.60R	11.80R	F	F	F	F
21	11.20	11.50	11.50R	12.20	10.16R	F	F	F
22	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C
25	11.00R	11.10R	11.30	11.20R	10.90R	9.92R	9.30R	9.10
26	13.22	11.02	11.80R	11.20	11.30R	11.40	10.80	10.20
27	13.20	12.60R	11.90R	11.60R	12.30R	12.00R	10.50	10.50
28	11.80	10.10	11.20R	11.30R	11.50R	11.80R	10.20R	8.80
29	12.90R	12.40R	12.60R	11.80R	11.10R	11.10	F	F
30								
MEDIAN	11.35	12.20	11.93	11.30	10.89	9.94	8.80	7.97
S.D. MED	1.86	1.87	1.87	1.59	1.69	1.20	1.50	1.66
LOWART	11.10	11.52	11.40	11.12	10.18	9.25	8.00	6.00
U QUART	12.20	12.80	12.16	11.82	11.20	10.55	10.00	8.92
RANGE	1.24	1.28	1.76	1.70	1.32	1.50	2.00	2.92
BLANK	0	0	0	0	0	0	0	0
ES	0	0	0	0	0	0	0	0
SPD F	0	0	0	0	0	0	0	0

IONOSPHERIC DATA
VERTICAL INCIDENCE
SEPT., 1946

SITE. WAGON SALON

第 1 卷

5

531

203

205

567

515

613

512

MEDIAN
S.I. MED
L. QUART
U. QUART
RANGE



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CHARACTERISTIC. M F0F2

IONOSPHERIC DATA
VERTICAL INCIDENCE

SEPT., 1966

SITE. NAKON SAHON
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	U	U	U	U	U	U	U	U
2	U	U	U	U	U	U	U	U
3	U	U	U	U	U	U	U	U
4	U	U	U	U	U	U	U	U
5	U	U	U	U	U	U	U	U
6	U	U	U	U	U	U	U	U
7	U	U	U	U	U	U	U	U
8	U	U	U	U	U	U	U	U
9	U	U	U	U	U	U	U	U
10	U	U	U	U	U	U	U	U
11	U	U	U	U	U	U	U	U
12	U	U	U	U	U	U	U	U
13	U	U	U	U	U	U	U	U
14	U	U	U	U	U	U	U	U
15	U	U	U	U	U	U	U	U
16	U	U	U	U	U	U	U	U
17	U	U	U	U	U	U	U	U
18	U	U	U	U	U	U	U	U
19	U	U	U	U	U	U	U	U
20	U	U	U	U	U	U	U	U
21	U	U	U	U	U	U	U	U
22	U	U	U	U	U	U	U	U
23	U	U	U	U	U	U	U	U
24	U	U	U	U	U	U	U	U
25	U	U	U	U	U	U	U	U
26	U	U	U	U	U	U	U	U
27	U	U	U	U	U	U	U	U
28	U	U	U	U	U	U	U	U
29	U	U	U	U	U	U	U	U
30	U	U	U	U	U	U	U	U
31	U	U	U	U	U	U	U	U
MEDIAN	345	345	352	364	360	370	378	380
S.D. MED	16.20	16.59	26.59	24.34	35.95	27.05	34.56	21.79
L. QUART	327	331	340	350	340	350	350	322
U. QUART	357	366	380	380	380	400	382	350
RANGE	30	16	40	50	40	50	52	28

CHARACTERISTIC. H F0F2

LONGSPHERIC DATA
VERTICAL INCIDENCE
SEPT., 1966

SITE. NAKON SAHON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
2	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
3	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
4	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
5	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
6	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
7	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
8	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
9	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
10	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
11	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
12	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
13	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
14	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
15	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
16	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
17	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
18	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
19	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
20	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
21	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
22	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
23	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
24	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
25	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
26	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
27	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
28	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
29	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
30	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
MEDIAN	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
S.D.MED	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
L QUART	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
U QUART	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
RANGE	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000

CHARACTERISTIC. FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE
SEPT.. 1966

SITE: NAKON SAWON
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	U	U	U	U	U	U	U	U
2	U	U	U	U	U	U	U	U
3	U	U	U	U	U	U	U	U
4	U	U	U	U	U	U	U	U
5	U	U	U	U	U	U	U	U
6	U	U	U	U	U	U	U	U
7	U	U	U	U	U	U	U	U
8	U	U	U	U	U	U	U	U
9	U	U	U	U	U	U	U	U
10	U	U	U	U	U	U	U	U
11	U	U	U	U	U	U	U	U
12	U	U	U	U	U	U	U	U
13	U	U	U	U	U	U	U	U
14	U	U	U	U	U	U	U	U
15	U	U	U	U	U	U	U	U
16	U	U	U	U	U	U	U	U
17	U	U	U	U	U	U	U	U
18	U	U	U	U	U	U	U	U
19	U	U	U	U	U	U	U	U
20	U	U	U	U	U	U	U	U
21	U	U	U	U	U	U	U	U
22	U	U	U	U	U	U	U	U
23	U	U	U	U	U	U	U	U
24	U	U	U	U	U	U	U	U
25	U	U	U	U	U	U	U	U
26	U	U	U	U	U	U	U	U
27	U	U	U	U	U	U	U	U
28	U	U	U	U	U	U	U	U
29	U	U	U	U	U	U	U	U
30	U	U	U	U	U	U	U	U
MEDIAN	0	5.00	5.00	5.01	5.01	5.01	5.01	5.00
S.D. MED	0	5.02	5.02	5.02	5.01	5.02	5.03	5.00
L QUART	0	5.00	5.00	5.00	5.00	5.00	5.00	5.00
U QUART	0	5.00	5.02	5.04	5.02	5.02	5.02	5.02
RANGE	0	5.00	5.03	5.04	5.02	5.02	5.02	5.02

CHARACTERISTIC. FOR

IONOSPHERIC DATA
VERTICAL INCIDENCE

SEPT., 1966

SITE. NAKON SAHON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
2	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
3	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
4	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
5	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
6	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
7	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
8	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
9	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
10	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
11	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
12	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
13	3.00	00000000	00000000	00000000	00000000	00000000	00000000	00000000
14	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
15	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
16	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
17	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
18	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
19	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
20	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
21	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
22	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
23	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
24	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
25	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
26	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
27	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
28	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
29	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
30	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
31	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
MEDIAN	..	000000	000000	000000	000000	000000	000000	000000
S.D. MED	..	000000	000000	000000	000000	000000	000000	000000
L. QUART	..	000000	000000	000000	000000	000000	000000	000000
U. QUART	..	000000	000000	000000	000000	000000	000000	000000
RANGE	..	000000	000000	000000	000000	000000	000000	000000

CHARACTERISTIC. H FOFI

IONOSPHERIC DATA
VERTICAL INCIDENCE
SEPT., 1966

SITE. NAKON SAKON
LOCAL STANDARD TIME

LOCAL STANDARD TIME	DAY /HR	5	105	205	385	485	585	685	785
1	U	U	U	U	U	U	U	U	U
2	U	U	U	U	U	U	U	U	U
3	U	U	U	U	U	U	U	U	U
4	U	U	U	U	U	U	U	U	U
5	U	U	U	U	U	U	U	U	U
6	U	U	U	U	U	U	U	U	U
7	U	U	U	U	U	U	U	U	U
8	U	U	U	U	U	U	U	U	U
9	U	U	U	U	U	U	U	U	U
10	U	U	U	U	U	U	U	U	U
11	U	U	U	U	U	U	U	U	U
12	U	U	U	U	U	U	U	U	U
13	U	U	U	U	U	U	U	U	U
14	U	U	U	U	U	U	U	U	U
15	U	U	U	U	U	U	U	U	U
16	U	U	U	U	U	U	U	U	U
17	U	U	U	U	U	U	U	U	U
18	U	U	U	U	U	U	U	U	U
19	U	U	U	U	U	U	U	U	U
20	U	U	U	U	U	U	U	U	U
21	U	U	U	U	U	U	U	U	U
22	U	U	U	U	U	U	U	U	U
23	U	U	U	U	U	U	U	U	U
24	U	U	U	U	U	U	U	U	U
25	U	U	U	U	U	U	U	U	U
26	U	U	U	U	U	U	U	U	U
27	U	U	U	U	U	U	U	U	U
28	U	U	U	U	U	U	U	U	U
29	U	U	U	U	U	U	U	U	U
30	U	U	U	U	U	U	U	U	U
					</				

CHARACTERISTIC. H FOFI

IONOSPHERIC DATA
VERTICAL INCIDENCE

SEPT., 1966

SITE. NAKON SAHON
LOCAL STANDARD TIME

DAY /HR	805	945	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C
31	C	C	C	C	C	C	C	C
DIAN	0	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0	0
L. QUART	0	0	0	0	0	0	0	0
U. QUART	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

IGNOSPHERIC DATA
VERTICAL INCIDENCE
SEPT., 1966

SITE. NAKOM SAKON
LOCAL STANDARD TIME

5-31 MW 16-3

1705

1005

1985

2005

5113

2293

2312

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

**MEDIAN
S.D.V.D
L QUART
U QUART
RANGE**

CHARACTERISTIC. F0ES

IONOSPHERIC DATA
VERICAL INCIDENCE

SEPT., 1966

STATION: NAKON SAKON
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	515	605	705
1								
2								
3								
4								
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10								
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12								
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15								
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24								
25								
26								
27								
28								
29								
30								
MEDIAN								
S.D. MED								
L. QUART								
U. QUART								
RANGE								

CHARACTERISTIC. FOES

IONOSPHERIC DATA
VERTICAL INCIDENCE

SEPT., 1966

SITE. NAKON SAHON
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	6.52L	6.16L	6.35L	8.20L	14.00Q	16.52Q	16.20Q	8.60L
10	3.71L	5.00L	4.80L	11.52Q	C	12.00Q	9.06L	9.96L
11	6.61L	7.95L	14.20Q	C	C	5.80L	7.40L	8.10L
12	5.70L	C	12.24Q	11.00Q	11.00Q	6.90L	C	7.40L
13	C	C	C	5.92L	5.92L	11.12Q	7.24L	C
14	C	6.65L	C	7.50L	5.80L	6.03L	7.40L	C
15	7.00L	7.70L	11.76Q	7.55L	10.12L	11.54Q	7.50L	C
16	6.55L	C	8.00L	7.50L	C	C	11.20Q	C
17	C	C	10.10L	C	C	C	8.00L	7.20L
18	C	C	8.40L	C	C	C	C	C
19	C	C	C	C	C	C	C	C
20	6.85L	6.55L	6.60L	11.80Q	C	6.45L	C	7.95L
21	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C
26	C	7.50L	6.20L	7.50L	C	C	9.90L	6.50L
27	C	7.00L	6.66L	6.54L	C	C	7.00L	C
28	C	7.97L	C	6.56L	C	7.40L	7.90L	C
29	6.86L	7.15L	14.60Q	14.60Q	8.00L	C	4.75L	7.95L
30	C	8.00L	C	C	7.80L	C	C	C
31	C	C	C	C	C	C	C	C
MEDIAN	6.57	7.06	8.00	7.96	8.00	7.40	7.90	7.95
S.D. MED	4.48	6.95	2.82	2.51	3.05	4.11	2.97	2.97
U QUART	6.11	6.35	6.51	6.51	6.61	6.22	7.24	7.30
U QUART	6.85	7.82	10.20	10.20	11.40	11.22	9.30	8.35
RANGE	7.1	1.7	4.5	3.24	4.7	5.5	2.66	1.05

CHARACTERISTIC. F0ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

SEP7.. 1966

SITE. NAKON SAKON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	U	U	U	U	U	U	U	U
2	U	U	U	U	U	U	U	U
3	U	U	U	U	U	U	U	U
4	U	U	U	U	U	U	U	U
5	U	U	U	U	U	U	U	U
6	U	U	U	U	U	U	U	U
7	U	U	U	U	U	U	U	U
8	U	U	U	U	U	U	U	U
9	U	U	U	U	U	U	U	U
10	8.80L	7.95L	U	U	9.40F	U	U	U
11	11.60L	6.94L	U	U	U	U	U	U
12	6.00L	7.70L	U	U	U	U	U	U
13	7.00L	11.20U	U	U	U	U	U	U
14	U	U	U	U	U	U	U	U
15	5.02L	U	U	U	U	U	U	U
16	U	U	U	U	U	U	U	U
17	U	U	U	U	U	U	U	U
18	U	U	U	U	U	U	U	U
19	U	U	U	U	U	U	U	U
20	7.80L	6.90L	7.70F	U	U	11.40F	U	U
21	U	U	U	U	U	U	U	U
22	U	U	U	U	U	U	U	U
23	U	U	U	U	U	U	U	U
24	U	U	U	U	U	U	U	U
25	U	U	U	U	U	U	U	U
26	5.00L	7.10L	9.20F	6.00F	5.96F	U	U	U
27	U	6.51L	U	7.25F	U	U	U	U
28	U	U	U	U	U	U	U	U
29	U	U	U	U	U	U	U	U
30	U	U	U	U	U	U	U	U
31	U	U	U	U	U	U	U	U
MEDIAN	7.00	7.70	..	..	..	..	..	..
S.D. MED	2.20	1.52	..	..	..	..	..	..
L QUART	5.02	6.96	..	..	..	..	..	..
U QUART	8.60	8.94	..	..	..	..	..	..
RANGE	3.79	1.96	..	..	..	..	..	..

CHARACTERISTIC. H ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

SEPT., 1966

SITE. NAKON SAKON
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100
7	100	100	100	100	100	100	100	100
8	100	100	100	100	100	100	100	100
9	100	100	100	100	100	100	100	100
10	100	100	100	100	100	100	100	100
11	100	100	100	100	100	100	100	100
12	100	100	100	100	100	100	100	100
13	100	100	100	100	100	100	100	100
14	100	100	100	100	100	100	100	100
15	100	100	100	100	100	100	100	100
16	100	100	100	100	100	100	100	100
17	100	100	100	100	100	100	100	100
18	100	100	100	100	100	100	100	100
19	100	100	100	100	100	100	100	100
20	100	100	100	100	100	100	100	100
21	100	100	100	100	100	100	100	100
22	100	100	100	100	100	100	100	100
23	100	100	100	100	100	100	100	100
24	100	100	100	100	100	100	100	100
25	100	100	100	100	100	100	100	100
26	100	100	100	100	100	100	100	100
27	100	100	100	100	100	100	100	100
28	100	100	100	100	100	100	100	100
29	100	100	100	100	100	100	100	100
30	100	100	100	100	100	100	100	100
31	100	100	100	100	100	100	100	100
MEDIAN	100	100	100	100	100	100	100	100
S.D.	2.15	3.34	5.31	2.61	4.73	4.25	2.52	3.06
U. QUART	100	100	100	100	100	100	100	100
L. QUART	100	100	100	100	100	100	100	100
RANGE	3	7	5	2	3	6	3	2

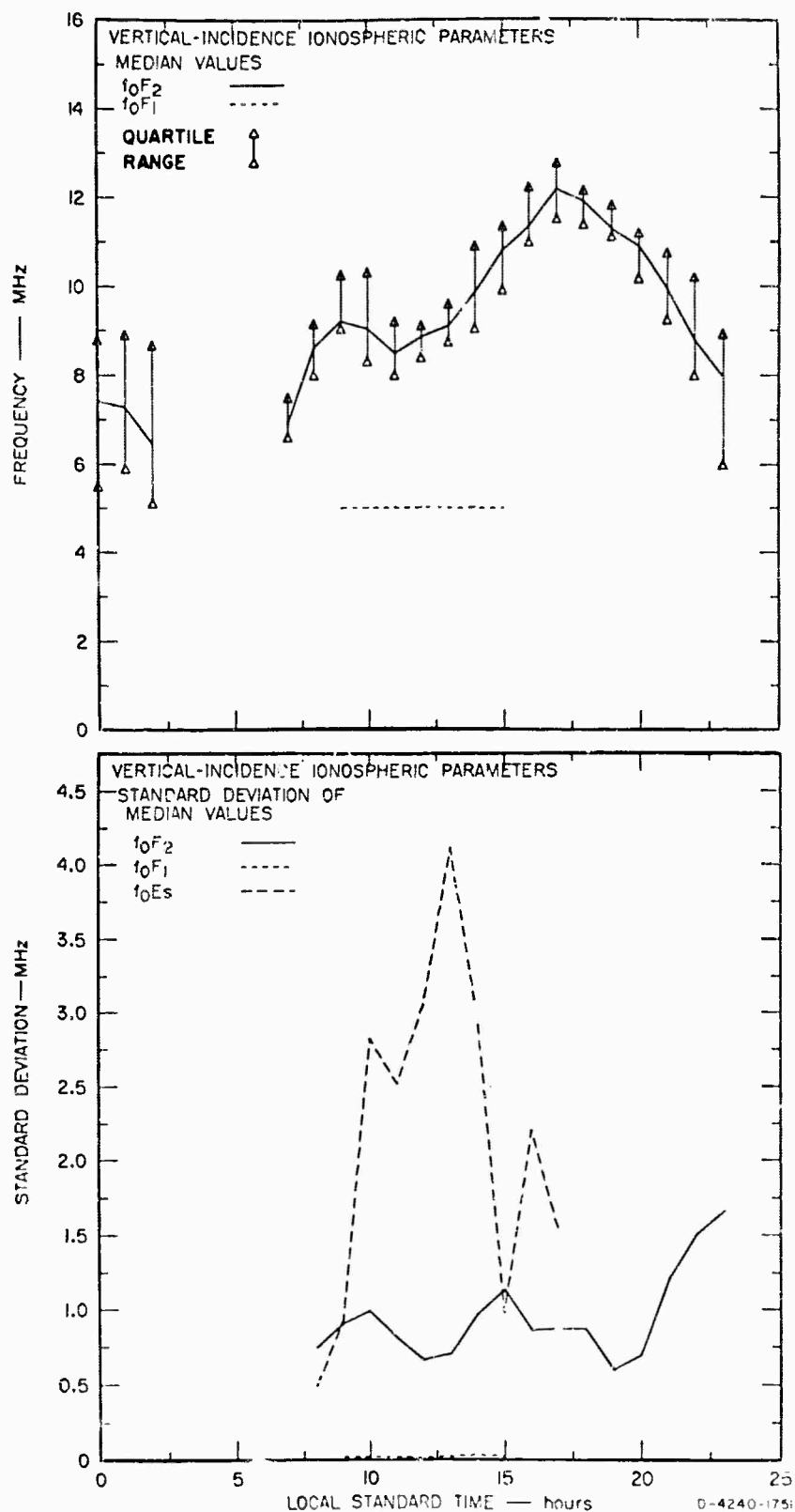
CHARACTERISTIC. M ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

SEPT., 1966

SITE: NAKON SAHON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	104	101	105	105	110	105	110	105
11	101	105	105	105	110	105	110	105
12	109	102	105	105	110	105	110	105
13	102	104	105	105	110	105	110	105
14	119	105	105	105	110	105	110	105
15	119	105	105	105	110	105	110	105
16	119	105	105	105	110	105	110	105
17	119	105	105	105	110	105	110	105
18	119	105	105	105	110	105	110	105
19	119	105	105	105	110	105	110	105
20	119	105	105	105	110	105	110	105
21	109	105	111	105	110	105	110	105
22	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C
26	120	105	106	105	112	112	112	112
27	120	103	106	105	112	112	112	112
28	120	103	106	105	112	112	112	112
29	120	103	106	105	112	112	112	112
30	120	103	106	105	112	112	112	112
31	120	103	106	105	112	112	112	112
MEDIAN	109	104	106	105	112	112	112	112
S.D. MED	7.24	1.56	1.56	1.56	1.56	1.56	1.56	1.56
L. QUART	102	102	102	102	102	102	102	102
U. QUART	119	105	105	105	110	105	110	105
RANGE	17	3	3	3	3	3	3	3



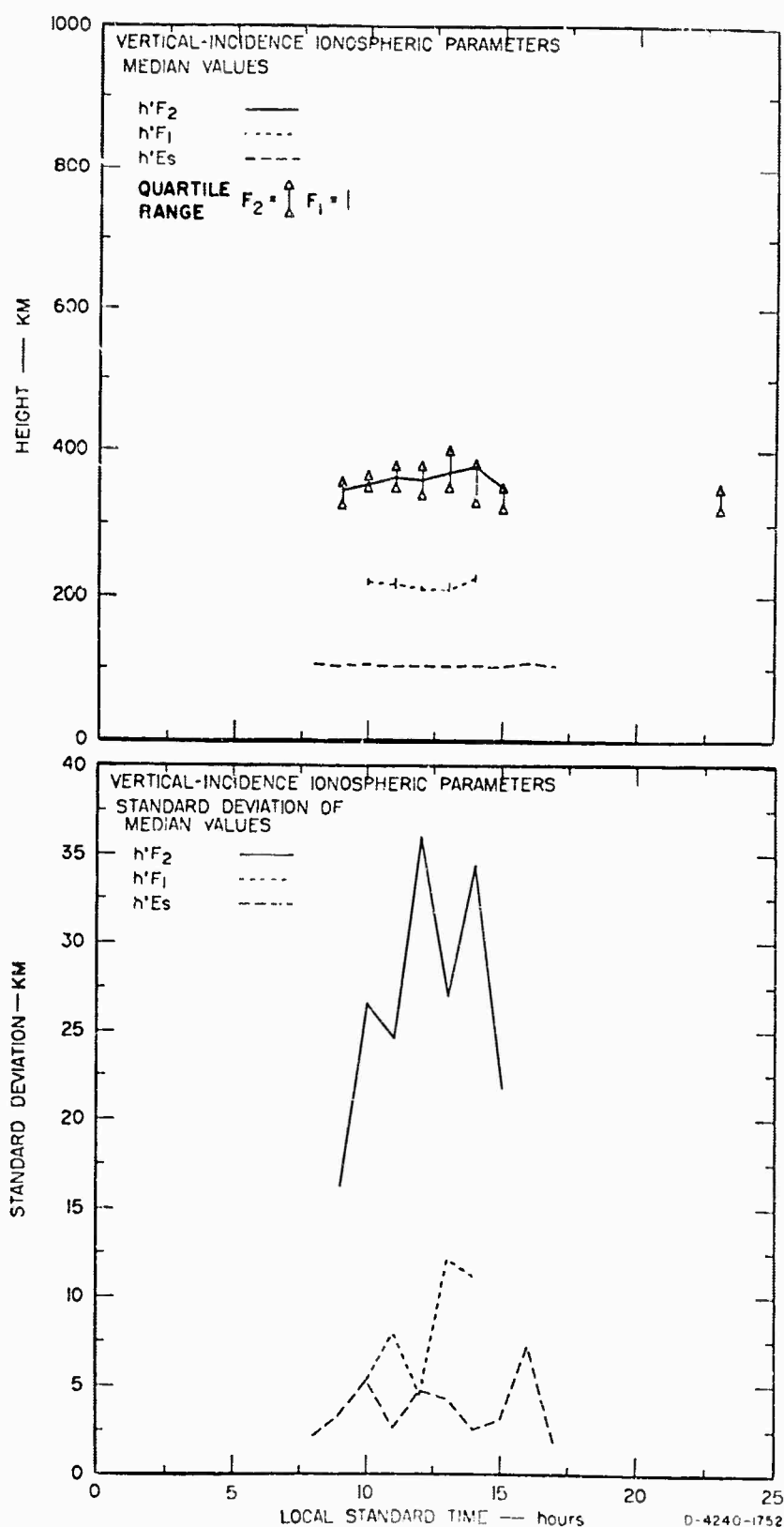
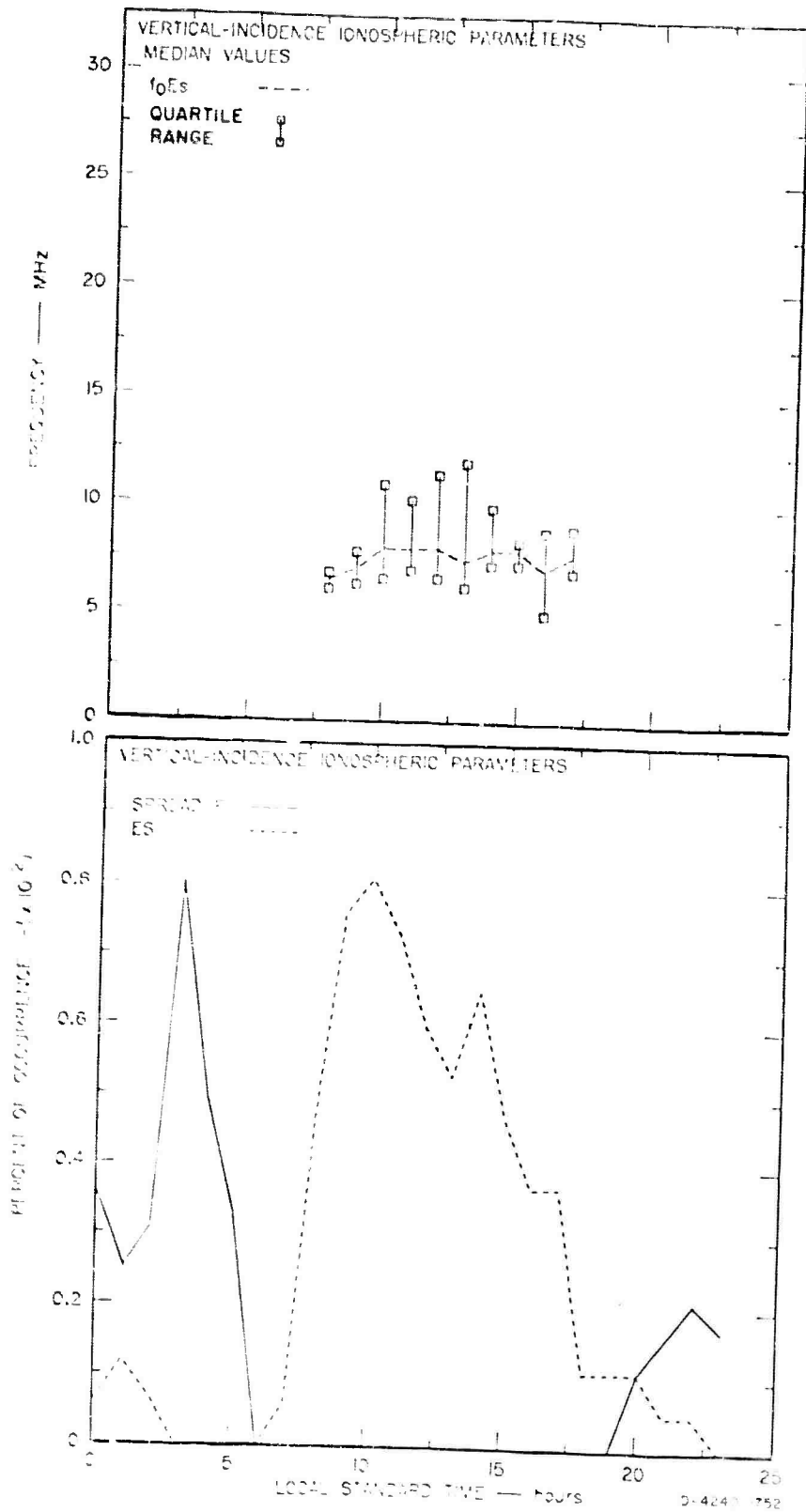


FIG. 27 VIRTUAL HEIGHT SUMMARY, NAKHON SAWAN, SEPTEMBER, 1966



CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE
OCT., 1966

SITE- NAKON SAKON
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	F	F	F	F	F	C	C	9.05
2	F	F	11.00	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	9.10R
6	N	C	C	N	C	C	C	C
7	9.00	8.90	N	C	N	C	C	7.50
8	F	F	N	C	C	C	C	7.55
9	9.30	9.00	N	C	C	C	C	8.00
10	F	F	F	4.90	C	C	C	7.60
11	8.00	7.90R	F	5.40	4.60	C	C	7.65
12	9.20	9.20F	N	8.20R	C	C	C	5.66
13	C	C	F	C	C	C	C	C
14	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	7.60
16	C	C	C	C	C	C	C	8.40
17	9.60	C	6.45	C	C	C	C	7.60
18	F	F	F	7.50	C	C	C	7.90
19	F	10.30	10.00	C	C	C	C	C
20	C	C	C	9.10	5.92	C	C	7.50
21	10.40	10.56	11.92R	F	C	C	C	6.50
22	F	F	F	F	C	C	C	C
23	F	F	N	C	C	C	C	C
24	9.60	8.30	N	6.40R	C	C	C	C
25	8.22	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C
30	F	9.10	C	F	C	C	C	7.60
31	10.69	9.00	F	F	F	6.50	4.65	7.81
MEDIAN	9.30	9.10	10.90	6.40	...	...	...	7.60
S.D. MED	2.70	.90	2.20	1.25	...	...	...	7.81
L. QUART	8.90	8.60	8.62	7.05	...	...	...	7.23
U. QUART	10.00	9.95	11.46	5.38	...	...	...	7.85
RANGE	1.10	1.35	2.84	2.00	6.00	9.00	15.00	1.02
BLANK	0	0	0	0	.09	.20	.50	1.00
ES	.15	0	.69	.50	.78	.20	.50	.12
SPRD F	.53	.56	.69	.50	.78	.20	.50	0

CHARACTERISTIC. FOR2

IONOSPHERIC DATA
VERTICAL INCIDENCE

OCT., 1966

SITE: NAKON SAMON
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	7.45	9.20	9.40	9.60R	5.10	9.20	10.30	11.20
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	10.80R	11.10R	11.80R	9.90	10.40	12.30	12.10	12.30
7	9.00	10.00	11.10	9.90	9.60R	9.80	11.60	11.92
8	9.60R	C	C	9.90	9.00	10.20	10.40	11.20
9	9.20	10.10R	9.32	9.40	9.30	10.00	11.20	12.30
10	10.12	12.10	12.32	12.20R	9.50	9.80	11.10	11.20
11	9.20	10.90	11.80R	10.10	9.90	10.02	11.20	12.90
12	9.40	10.80	11.40R	10.90	9.90	9.90	11.20	12.00
13	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C
15	10.30	11.12	9.90R	9.12	9.20	9.02	11.00	12.00
16	9.92R	12.60	11.80	9.72R	9.50	11.00	11.40	11.96
17	11.00	11.60R	11.40	10.92R	10.40	11.00	11.90	13.10
18	11.80R	12.64	12.80R	C	C	C	C	11.20
19	10.40R	12.00	12.00	11.90R	10.00	10.82	C	C
20	C	C	C	C	C	C	C	C
21	10.00R	11.40	11.80R	9.92	9.90	10.40	10.00	11.20
22	10.00	11.00	12.00R	11.20R	10.80R	11.20	11.40	11.94
23	9.40	10.60	11.60	11.32R	11.20R	11.30	11.90R	12.40
24	9.90R	11.20	11.64R	C	9.66	10.12	10.40R	C
25	C	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C
30	9.60	11.30	13.00R	12.90R	9.90	10.12	11.40	12.20
31	9.90R	11.40R	11.40	11.00	11.00	11.60R	11.60	10.40
MEDIAN	9.96	11.25	11.80	10.10	9.90	10.12	11.20	11.95
S.D.MED	.92	.83	1.03	1.15	.60	.80	.63	.60
L QUART	9.20	10.80	11.10	9.76	9.74	9.91	10.60	11.20
U QUART	10.12	11.96	12.00	11.26	13.40	11.00	11.90	12.30
RANGE	.92	1.16	.90	1.50	.66	1.99	1.10	1.10
BLANK	0	0	0	0	0	0	0	0
ES	.3	.61	.74	.30	.70	.55	.42	.39
SPRD F	.15	.16	.05	0	.05	.05	0	0

CHARACTERISTIC. F0F2

IONOSPHERIC DATA
VERTICAL INCIDENCE

OCT., 1969

SITE. NAKON SATHON
LOCAL STANDARD TIME

DAY	MAR	1605	1705	1805	1905	2005	2105	2205	2305
1	11.90	12.50R	11.80R	11.40R	11.94R	F	11.20	11.20	9.72R
2	C	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C	C
4	11.72	11.20	11.20R	10.40	13.00R	8.60	6.20	6.20	6.30
5	11.96R	12.80R	12.10R	12.00R	12.30R	11.96R	11.30	11.30	9.40
6	11.24	11.10	11.20	11.60R	11.72R	F	F	F	F
7	11.24	11.10	11.10	11.10	F	F	F	F	10.80
8	N	C	N	12.90R	F	F	F	F	16.40
9	13.20	12.90R	12.90R	12.90R	F	F	F	F	16.20
10	11.40	12.00R	12.00R	11.60R	F	F	F	F	C
11	12.76	12.80	13.20R	11.90R	C	C	C	C	C
12	C	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C	C
14	13.00	12.20R	11.50	13.0	C	C	C	C	C
15	12.10	12.91	13.10R	11.10	11.24R	12.04	12.04	10.50F	C
16	12.80	12.80	12.00	11.10	F	F	F	F	F
17	13.12	13.96	13.80R	12.00R	12.00R	F	F	F	F
18	11.63	11.64R	12.00R	12.00R	C	C	C	C	F
19	C	C	C	12.00R	10.04R	F	F	F	F
20	C	C	C	11.72R	F	F	F	F	F
21	11.96	11.96R	12.84R	10.60R	10.92R	11.12R	10.96R	9.20	C
22	C	12.44R	11.91R	C	C	C	C	C	C
23	13.20	13.00	11.90R	F	F	F	F	F	C
24	11.72	11.10	11.14R	10.60R	10.92R	11.12R	10.96R	9.20	C
25	C	9.00	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C	C
29	13.00	12.90R	12.00R	F	F	12.00R	11.10	10.00	16.00
30	12.63R	12.42R	12.00R	11.00R	11.52R	11.36	11.60	10.12	10.12
31	11.60	N	11.08R	11.00R	11.52R	11.36	11.60	10.12	10.12
MEDIAN	12.18	12.42	12.00	11.66	11.72	11.65	11.15	10.96	10.96
S.D.	1.67	1.09	1.74	1.85	1.82	1.30	2.03	1.28	1.28
L QUANT	11.72	11.40	11.50	11.10	11.00	11.12	10.96	9.40	9.40
U QUANT	13.00	12.80	12.84	12.00	12.15	12.00	11.30	10.40	10.40
RANGE	1.28	1.40	1.34	.90	1.67	.88	.34	.90	.90
BLANK	0	0	0	0	0	0	0	0	0
ES	.47	.25	.10	.05	.05	.05	.17	.11	.11
SPRD F	.06	.05	0	.20	.53	.68	.67	.53	.53

IONOSPHERIC DATA
VERTICAL INCIDENCE

SITE. NAKON SANON
LOCAL STANDARD TIME.

[illegible]

CHARACTERISTIC. H F012

IONOSPHERIC DATA
VERTICAL INCIDENCE

OCT., 1966

SITE. NAKON SAHON
LOCAL STANDARD TIME

DAY /HR	005	905	1005	1105	1205	1305	1405	1505
1	-	-	355	350	320	350	330	320
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	320	354	325	350	350	315	310
10	-	-	-	350	320	350	320	-
11	-	-	-	360	354	365	350	-
12	-	-	320	320	320	350	320	-
13	-	-	-	320	318	340	340	-
14	-	-	-	-	-	-	-	-
15	-	-	360	340	350	350	320	300
16	-	-	320	320	315	320	320	320
17	-	-	-	-	-	-	-	-
18	-	-	320	-	-	-	-	-
19	-	-	-	-	-	350	-	-
20	-	-	-	-	-	-	-	-
21	-	-	330	324	322	320	310	-
22	-	-	310	322	320	350	320	330
23	-	-	-	-	-	350	320	-
24	-	-	310	-	356	-	350	-
25	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-
29	-	-	310	-	350	320	300	-
30	-	-	315	350	330	320	320	-
31	-	-	320	350	350	325	-	-
MEDIAN	0	..	320	325	350	350	320	320
Q1	0	..	19.16	18.10	21.79	17.93	13.67	10.00
Q3	0	..	312	320	320	320	320	310
Q4	0	..	342	350	350	350	350	320
RANGE	0	..	30	..	30	30	10	10

CHARACTERISTIC. H F0F2

IONOSPHERIC DATA
VERTICAL INCIDENCE

OCT., 1966

SITE. NAKON SAUON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	1000	1000	1000	1000	1000	1000	1000	1000
2	1000	1000	1000	1000	1000	1000	1000	1000
3	1000	1000	1000	1000	1000	1000	1000	1000
4	1000	1000	1000	1000	1000	1000	1000	1000
5	1000	1000	1000	1000	1000	1000	1000	1000
6	1000	1000	1000	1000	1000	1000	1000	1000
7	1000	1000	1000	1000	1000	1000	1000	1000
8	1000	1000	1000	1000	1000	1000	1000	1000
9	1000	1000	1000	1000	1000	1000	1000	1000
10	1000	1000	1000	1000	1000	1000	1000	1000
11	1000	1000	1000	1000	1000	1000	1000	1000
12	1000	1000	1000	1000	1000	1000	1000	1000
13	1000	1000	1000	1000	1000	1000	1000	1000
14	1000	1000	1000	1000	1000	1000	1000	1000
15	1000	1000	1000	1000	1000	1000	1000	1000
16	1000	1000	1000	1000	1000	1000	1000	1000
17	1000	1000	1000	1000	1000	1000	1000	1000
18	1000	1000	1000	1000	1000	1000	1000	1000
19	1000	1000	1000	1000	1000	1000	1000	1000
20	1000	1000	1000	1000	1000	1000	1000	1000
21	1000	1000	1000	1000	1000	1000	1000	1000
22	1000	1000	1000	1000	1000	1000	1000	1000
23	1000	1000	1000	1000	1000	1000	1000	1000
24	1000	1000	1000	1000	1000	1000	1000	1000
25	1000	1000	1000	1000	1000	1000	1000	1000
26	1000	1000	1000	1000	1000	1000	1000	1000
27	1000	1000	1000	1000	1000	1000	1000	1000
28	1000	1000	1000	1000	1000	1000	1000	1000
29	1000	1000	1000	1000	1000	1000	1000	1000
30	1000	1000	1000	1000	1000	1000	1000	1000
31	1000	1000	1000	1000	1000	1000	1000	1000
MEDIAN	0	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0	0
L. QUART	0	0	0	0	0	0	0	0
U. QUART	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

IONOSPHERIC DATA
VERTICAL INCIDENCE

996: 130

SITE. NAKON SANON
LOCAL STANDARD TIME

[illegible]

CHARACTERISTIC. FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE

OCT., 1966

SITE: NAKON SAWON
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	-	-	5.00	5.01	5.00	5.00	5.00	5.02
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-
MEDIAN	0	0	0	0	0	0	0	0
S.D.	0	0	0	0	0	0	0	0
U QUANT	0	0	0	0	0	0	0	0
RAISE	0	0	0	0	0	0	0	0

CHARACTERISTIC. FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE
OCT., 1966

SITE. NAKON SAKON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	1000	1000	1000	1000	1000	1000	1000	1000
2	1000	1000	1000	1000	1000	1000	1000	1000
3	1000	1000	1000	1000	1000	1000	1000	1000
4	1000	1000	1000	1000	1000	1000	1000	1000
5	1000	1000	1000	1000	1000	1000	1000	1000
6	1000	1000	1000	1000	1000	1000	1000	1000
7	1000	1000	1000	1000	1000	1000	1000	1000
8	1000	1000	1000	1000	1000	1000	1000	1000
9	1000	1000	1000	1000	1000	1000	1000	1000
10	1000	1000	1000	1000	1000	1000	1000	1000
11	1000	1000	1000	1000	1000	1000	1000	1000
12	1000	1000	1000	1000	1000	1000	1000	1000
13	1000	1000	1000	1000	1000	1000	1000	1000
14	1000	1000	1000	1000	1000	1000	1000	1000
15	1000	1000	1000	1000	1000	1000	1000	1000
16	1000	1000	1000	1000	1000	1000	1000	1000
17	1000	1000	1000	1000	1000	1000	1000	1000
18	1000	1000	1000	1000	1000	1000	1000	1000
19	1000	1000	1000	1000	1000	1000	1000	1000
20	1000	1000	1000	1000	1000	1000	1000	1000
21	1000	1000	1000	1000	1000	1000	1000	1000
22	1000	1000	1000	1000	1000	1000	1000	1000
23	1000	1000	1000	1000	1000	1000	1000	1000
24	1000	1000	1000	1000	1000	1000	1000	1000
25	1000	1000	1000	1000	1000	1000	1000	1000
26	1000	1000	1000	1000	1000	1000	1000	1000
27	1000	1000	1000	1000	1000	1000	1000	1000
28	1000	1000	1000	1000	1000	1000	1000	1000
29	1000	1000	1000	1000	1000	1000	1000	1000
30	1000	1000	1000	1000	1000	1000	1000	1000
31	1000	1000	1000	1000	1000	1000	1000	1000
MEDIAN	0	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0	0
L. QUART	0	0	0	0	0	0	0	0
U. QUART	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

CHARACTERISTIC. H FORT

CHRONOSPHERIC DATA
VERTICAL INCIDENCE

OCT., 1966

SITE. NAKON SAKON
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	F	F	F	F	F	F	F	F
2	F	F	F	F	F	F	F	F
3	F	F	F	F	F	F	F	F
4	F	F	F	F	F	F	F	F
5	F	F	F	F	F	F	F	F
6	F	F	F	F	F	F	F	F
7	F	F	F	F	F	F	F	F
8	F	F	F	F	F	F	F	F
9	F	F	F	F	F	F	F	F
10	F	F	F	F	F	F	F	F
11	F	F	F	F	F	F	F	F
12	F	F	F	F	F	F	F	F
13	F	F	F	F	F	F	F	F
14	F	F	F	F	F	F	F	F
15	F	F	F	F	F	F	F	F
16	F	F	F	F	F	F	F	F
17	F	F	F	F	F	F	F	F
18	F	F	F	F	F	F	F	F
19	F	F	F	F	F	F	F	F
20	F	F	F	F	F	F	F	F
21	F	F	F	F	F	F	F	F
22	F	F	F	F	F	F	F	F
23	F	F	F	F	F	F	F	F
24	F	F	F	F	F	F	F	F
25	F	F	F	F	F	F	F	F
26	F	F	F	F	F	F	F	F
27	F	F	F	F	F	F	F	F
28	F	F	F	F	F	F	F	F
29	F	F	F	F	F	F	F	F
30	F	F	F	F	F	F	F	F
31	F	F	F	F	F	F	F	F
MEDIAN	0	0	0	0	0	0	0	0
S.D.	0	0	0	0	0	0	0	0
L. QUART	0	0	0	0	0	0	0	0
U. QUART	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

CHARACTERISTIC. H FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE
OCT., 1966

SITE. NARON SAMON
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-
MEDIAN	0	0	220	220	215	220	224	220
S.D. MED	0	0	11.27	5.33	5.02	5.35	6.10	..
L. QUANT	0	0	215	212	210	212	220	..
U. QUANT	0	0	232	220	220	220	224	..
RANGE	0	0	17	8	10	8	4	..

CHARACTERISTIC. F0ES

IONOSPHERIC DATA
VERTICAL INCIDENCE
OCT.. 1966

SITE. NAKON SAHON
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	F	F	F	F	F	U	U	U
2	F	F	F	F	F	U	U	U
3	F	F	F	F	F	U	U	U
4	F	F	F	F	F	U	U	U
5	F	F	F	F	F	U	U	U
6	F	F	F	F	F	U	U	U
7	F	F	F	F	F	U	U	U
8	F	F	F	F	F	U	U	U
9	F	F	F	F	F	U	U	U
10	F	F	F	F	F	U	U	U
11	F	F	F	F	F	U	U	U
12	F	F	F	F	F	U	U	U
13	F	F	F	F	F	U	U	U
14	F	F	F	F	F	U	U	U
15	F	F	F	F	F	U	U	U
16	F	F	F	F	F	U	U	U
17	F	F	F	F	F	U	U	U
18	F	F	F	F	F	U	U	U
19	F	F	F	F	F	U	U	U
20	F	F	F	F	F	U	U	U
21	F	F	F	F	F	U	U	U
22	F	F	F	F	F	U	U	U
23	F	F	F	F	F	U	U	U
24	F	F	F	F	F	U	U	U
25	F	F	F	F	F	U	U	U
26	F	F	F	F	F	U	U	U
27	F	F	F	F	F	U	U	U
28	F	F	F	F	F	U	U	U
29	F	F	F	F	F	U	U	U
30	F	F	F	F	F	U	U	U
31	F	F	F	F	F	U	U	U
MEDIAN	...	...	...	...	...	...	...	...
S.D. MED	...	...	...	...	...	...	...	...
L QUART	...	...	...	...	...	...	...	...
U QUART	...	...	...	...	...	...	...	...
RANGE	...	...	...	...	...	...	...	...

CHARACTERISTIC. F0ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

OCT.. 1966

SITE. NAKON SAMON
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	-	-	-	7.10L	7.00L	6.00L	-	7.10L
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	7.10L	7.10L	6.90L	5.05L	6.40L	-	6.90L	-
7	7.90L	10.90L	7.60L	8.00L	12.60L	-	-	-
8	7.90L	-	-	-	-	-	-	-
9	-	6.50L	-	-	7.80L	5.60L	9.10L	7.95L
10	6.70L	7.00L	13.10L	8.00L	7.90L	6.90L	-	-
11	4.80L	5.80L	7.10L	6.90L	7.10L	10.90L	-	-
12	-	6.10L	7.00L	6.50L	-	-	6.10L	-
13	-	-	7.40L	7.15L	7.00L	6.90L	7.97L	6.40L
14	-	-	-	-	-	-	-	7.40L
15	5.90L	5.90L	-	-	-	-	-	-
16	7.12L	4.00L	11.10L	7.60L	8.04L	-	-	-
17	-	7.00L	7.30L	6.50L	-	-	-	-
18	7.00L	-	-	9.00L	8.90L	11.90L	7.65L	6.95L
19	-	-	6.60L	-	-	-	-	7.40L
20	-	-	-	6.60L	7.60L	-	-	-
21	-	6.60L	-	5.00L	-	-	-	-
22	-	-	-	5.34L	-	-	-	-
23	-	-	-	-	-	-	-	-
24	-	-	5.70L	-	-	5.50L	-	-
25	-	-	6.10L	-	-	5.92L	-	-
26	-	-	-	-	6.90L	13.64L	7.40L	-
27	-	-	-	-	-	6.50L	6.30L	-
28	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	7.60L	-	7.00L	-	6.90L	-	-	-
31	-	7.10L	10.00L	8.00L	6.65L	-	-	-
			6.00L	6.60L	6.56L	6.00L	3.74L	5.10L
MEDIAN	7.05	6.60	7.05	5.90	7.05	6.50	7.15	7.15
S.D. MED	0.93	1.48	2.18	1.09	1.64	3.06	1.04	1.80
L QUART	6.50	5.90	6.60	6.50	6.90	5.92	6.20	6.40
U QUART	7.10	7.10	7.60	6.00	7.90	10.90	7.01	7.46
RANGE	1.10	1.20	1.60	1.50	1.90	4.98	1.61	1.06

CHARACTERISTIC. FOCES

IONOSPHERIC DATA
VERTICAL INCIDENCE

OCT., 1966

SITE. NAKON SAKON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	6.56L	-	-	-	-	-	-	-
2	C	C	-	-	-	-	-	-
3	C	C	-	-	-	-	-	-
4	C	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	7.10L	-	-	-	-	-	-
7	6.95L	C	-	-	6.50F	8.00F	8.30F	5.90F
8	N	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	6.90L	-	-	-	-	-	-	-
11	6.70L	6.50L	-	-	-	-	-	-
12	C	C	-	-	-	-	-	-
13	C	-	-	-	-	-	-	-
14	-	7.10L	-	-	-	-	-	-
15	7.00L	-	-	-	-	-	-	-
16	7.00L	5.56L	-	-	-	-	-	-
17	6.95L	-	5.96F	-	-	-	-	5.96F
18	-	-	-	-	-	-	-	-
19	C	C	-	-	-	-	-	-
20	C	-	-	-	-	-	-	-
21	C	7.10L	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-
24	6.90L	-	-	-	-	-	-	-
25	C	-	-	-	-	-	-	-
26	C	-	-	-	-	-	-	-
27	C	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	7.55L	-	-	-	-	-	-	-
31	-	N	-	-	-	-	-	-
MEDIAN	6.95	7.10	..	..	..	..	8.30	..
S.D. MED	.41	.74	..	..	..	..	.91	..
L QUART	6.65	6.03	..	..	..	..	7.30	..
U QUART	7.00	7.10	..	..	..	..	9.20	..
RANGE	.37	1.07	..	..	..	..	2.20	..

CHARACTERISTIC. H ES

IONOSPHERIC DATA
VERTICAL INCIDENCE
OCT... 1966

SITC. NAKON SAHON
LOCAL STANDARD TIME

DAY /HR	005	905	1005	1105	1205	1305	1405	1505
1	-	-	-	104	103	104	-	100
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	102	102	-	-	-
7	-	-	-	105	103	-	-	-
8	-	-	-	104	110	-	-	-
9	-	-	-	106	103	-	-	-
10	-	-	-	105	103	-	-	-
11	-	-	-	104	-	-	-	-
12	-	-	-	104	-	-	-	-
13	-	-	-	104	-	-	-	-
14	-	-	-	104	-	-	-	-
15	-	-	-	104	-	-	-	-
16	-	-	-	104	-	-	-	-
17	-	-	-	104	-	-	-	-
18	-	-	-	104	-	-	-	-
19	-	-	-	104	-	-	-	-
20	-	-	-	104	-	-	-	-
21	-	-	-	104	-	-	-	-
22	-	-	-	104	-	-	-	-
23	-	-	-	104	-	-	-	-
24	-	-	-	104	-	-	-	-
25	-	-	-	104	-	-	-	-
26	-	-	-	104	-	-	-	-
27	-	-	-	104	-	-	-	-
28	-	-	-	104	-	-	-	-
29	-	-	-	104	-	-	-	-
30	-	-	-	104	-	-	-	-
31	-	-	-	104	-	-	-	-
MEDIAN	107	106	104	104	103	104	105	103
S.D. MED	5.86	3.05	1.25	1.97	5.24	2.22	4.26	6.25
L QUART	105	104	103	106	103	105	102	105
U QUART	110	110	105	106	106	105	106	110
RANGE	7	6	2	4	3	2	4	5

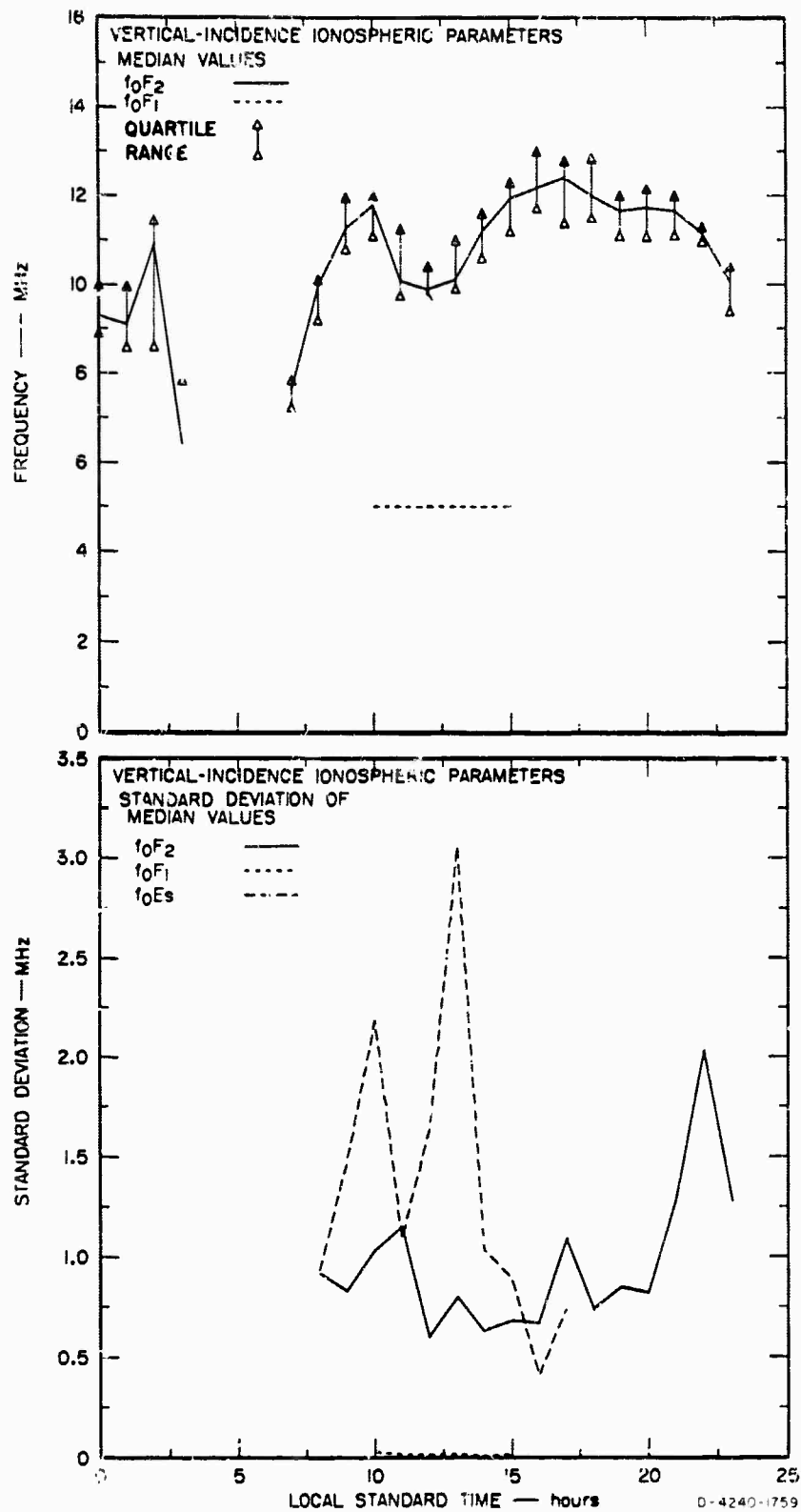
CHARACTERISTIC. H ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

OCT.. 1966

SITE. NAKON SAHON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	103	-	-	-	-	-	-	-
2	C	-	-	-	-	-	-	-
3	C	-	-	-	-	-	-	-
4	C	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	106	110	-	-	-	-	-	-
7	N	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	115	-	-	-	-	-	-	-
10	105	105	109	-	-	-	-	-
11	C	-	-	-	-	-	-	-
12	C	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	103	102	-	-	-	-	-	-
15	105	105	-	-	-	-	-	-
16	105	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	C	-	-	-	-	-	-	-
19	C	-	-	-	-	-	-	-
20	C	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	105	105	-	-	-	-	-	-
24	C	-	-	-	-	-	-	-
25	C	-	-	-	-	-	-	-
26	C	-	-	-	-	-	-	-
27	C	-	-	-	-	-	-	-
28	C	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	106	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-
MEDIAN	105	105	105	105	105	105	105	105
S.D. MED	3.50	2.00	103	103	103	103	103	103
L. QUART	104	103	103	103	103	103	103	103
U. QUART	106	107	107	107	107	107	107	107
RANGE	2	2	2	2	2	2	2	2



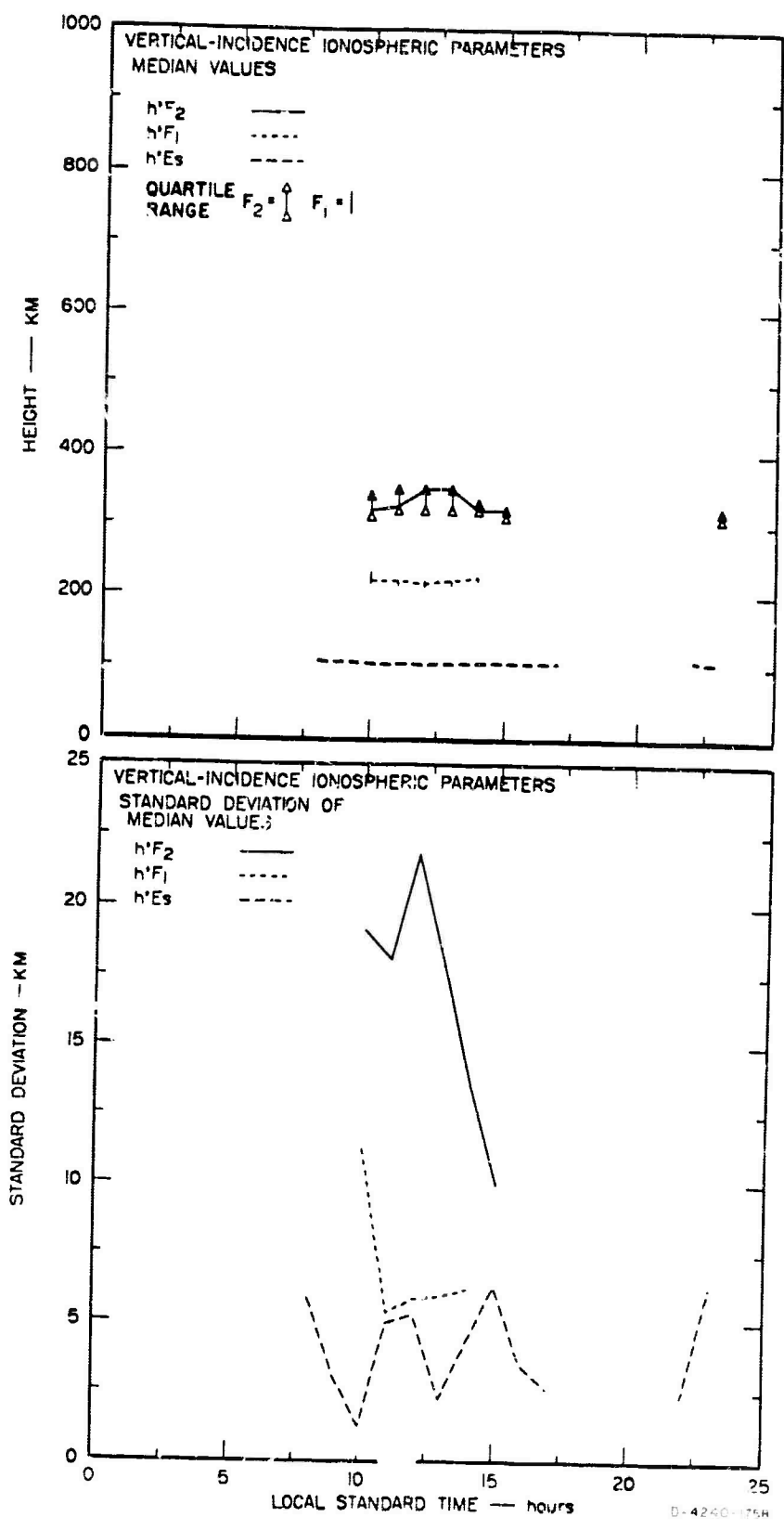


FIG. 30 VIRTUAL HEIGHT SUMMARY, NAKHON SAWAN, OCTOBER, 1966

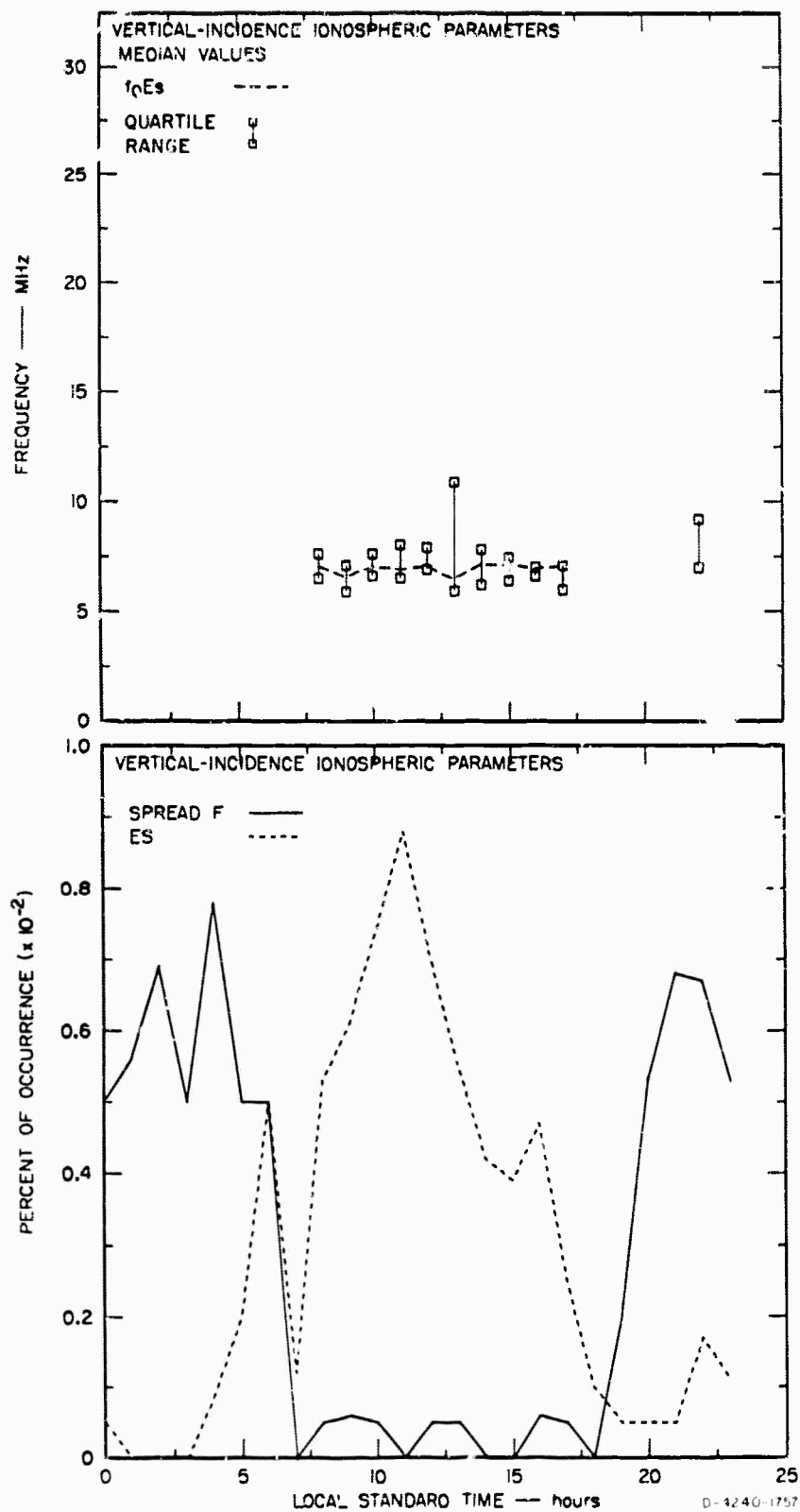


FIG. 31 SPORAIC E AND SPREAD F SUMMARY, NAKHON SAWAN, OCTOBER, 1966

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV., 1966

SITE. NAKON SAMON
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	N	C	N	C	C	C	C	N
2	C	C	C	C	C	C	C	C
3	9.00M	10.20R	5.20	C	C	C	C	C
4	7.50R	7.26R	5.20	C	C	C	C	C
5	9.32	C	C	C	C	C	C	7.44
6	9.54	8.56R	C	4.50	C	C	C	7.70R
7	9.53	8.40	N	C	C	C	C	N
8	9.53	8.46R	N	C	C	C	C	C
9	8.52R	8.20	N	C	C	C	C	7.40
10	8.22R	8.20	N	C	C	C	C	7.00
11	7.5	8.00R	N	C	C	C	C	6.64
12	7.2	8.00R	4.50	5.40	C	C	C	6.50
13	8.12	8.00	N	5.40	C	C	C	7.00
14	9.3	8.15	...	...	...	...	...	6.50
15	9.3	8.15	...	...	...	...	...	7.42
16	9.3	8.15	...	...	...	...	...	1.94
17	9.3	8.15	...	...	...	...	...	1.94
18	9.3	8.15	...	...	...	...	...	1.94
19	9.3	8.15	...	...	...	...	...	1.94
20	9.3	8.15	...	...	...	...	...	1.94
21	9.3	8.15	...	...	...	...	...	1.94
22	9.3	8.15	...	...	...	...	...	1.94
23	9.3	8.15	...	...	...	...	...	1.94
24	9.3	8.15	...	...	...	...	...	1.94
25	9.3	8.15	...	...	...	...	...	1.94
26	9.3	8.15	...	...	...	...	...	1.94
27	9.3	8.15	...	...	...	...	...	1.94
28	9.3	8.15	...	...	...	...	...	1.94
29	9.3	8.15	...	...	...	...	...	1.94
30	9.3	8.15	...	...	...	...	...	1.94
31	9.3	8.15	...	...	...	...	...	1.94
32	9.3	8.15	...	...	...	...	...	1.94
33	9.3	8.15	...	...	...	...	...	1.94
34	9.3	8.15	...	...	...	...	...	1.94
35	9.3	8.15	...	...	...	...	...	1.94
36	9.3	8.15	...	...	...	...	...	1.94
37	9.3	8.15	...	...	...	...	...	1.94
38	9.3	8.15	...	...	...	...	...	1.94
39	9.3	8.15	...	...	...	...	...	1.94
40	9.3	8.15	...	...	...	...	...	1.94
41	9.3	8.15	...	...	...	...	...	1.94
42	9.3	8.15	...	...	...	...	...	1.94
43	9.3	8.15	...	...	...	...	...	1.94
44	9.3	8.15	...	...	...	...	...	1.94
45	9.3	8.15	...	...	...	...	...	1.94
46	9.3	8.15	...	...	...	...	...	1.94
47	9.3	8.15	...	...	...	...	...	1.94
48	9.3	8.15	...	...	...	...	...	1.94
49	9.3	8.15	...	...	...	...	...	1.94
50	9.3	8.15	...	...	...	...	...	1.94
51	9.3	8.15	...	...	...	...	...	1.94
52	9.3	8.15	...	...	...	...	...	1.94
53	9.3	8.15	...	...	...	...	...	1.94
54	9.3	8.15	...	...	...	...	...	1.94
55	9.3	8.15	...	...	...	...	...	1.94
56	9.3	8.15	...	...	...	...	...	1.94
57	9.3	8.15	...	...	...	...	...	1.94
58	9.3	8.15	...	...	...	...	...	1.94
59	9.3	8.15	...	...	...	...	...	1.94
60	9.3	8.15	...	...	...	...	...	1.94
61	9.3	8.15	...	...	...	...	...	1.94
62	9.3	8.15	...	...	...	...	...	1.94
63	9.3	8.15	...	...	...	...	...	1.94
64	9.3	8.15	...	...	...	...	...	1.94
65	9.3	8.15	...	...	...	...	...	1.94
66	9.3	8.15	...	...	...	...	...	1.94
67	9.3	8.15	...	...	...	...	...	1.94
68	9.3	8.15	...	...	...	...	...	1.94
69	9.3	8.15	...	...	...	...	...	1.94
70	9.3	8.15	...	...	...	...	...	1.94
71	9.3	8.15	...	...	...	...	...	1.94
72	9.3	8.15	...	...	...	...	...	1.94
73	9.3	8.15	...	...	...	...	...	1.94
74	9.3	8.15	...	...	...	...	...	1.94
75	9.3	8.15	...	...	...	...	...	1.94
76	9.3	8.15	...	...	...	...	...	1.94
77	9.3	8.15	...	...	...	...	...	1.94
78	9.3	8.15	...	...	...	...	...	1.94
79	9.3	8.15	...	...	...	...	...	1.94
80	9.3	8.15	...	...	...	...	...	1.94
81	9.3	8.15	...	...	...	...	...	1.94
82	9.3	8.15	...	...	...	...	...	1.94
83	9.3	8.15	...	...	...	...	...	1.94
84	9.3	8.15	...	...	...	...	...	1.94
85	9.3	8.15	...	...	...	...	...	1.94
86	9.3	8.15	...	...	...	...	...	1.94
87	9.3	8.15	...	...	...	...	...	1.94
88	9.3	8.15	...	...	...	...	...	1.94
89	9.3	8.15	...	...	...	...	...	1.94
90	9.3	8.15	...	...	...	...	...	1.94
91	9.3	8.15	...	...	...	...	...	1.94
92	9.3	8.15	...	...	...	...	...	1.94
93	9.3	8.15	...	...	...	...	...	1.94
94	9.3	8.15	...	...	...	...	...	1.94
95	9.3	8.15	...	...	...	...	...	1.94
96	9.3	8.15	...	...	...	...	...	1.94
97	9.3	8.15	...	...	...	...	...	1.94
98	9.3	8.15	...	...	...	...	...	1.94
99	9.3	8.15	...	...	...	...	...	1.94
100	9.3	8.15	...	...	...	...	...	1.94

CHARACTERISTIC. F0F2

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV.. 1966

SITE: NAKON SAKON
LOCAL STANDARD TIME

DAY /HR	80L	90S	100S	110S	120S	130S	140S	150S
1	10.10R	11.55	12.26	11.95	11.62	11.65	11.80	11.90R
2	10.00	11.40R	11.36	11.60R	13.14	13.76R	12.60R	12.00
3	C	11.00	13.60	13.72R	11.98R	10.00	11.40	11.20R
4	C	13.80R	13.60R	12.75R	11.34R	11.00R	11.10R	11.50R
5	9.10	11.02R	11.56	11.92	11.20	10.40	10.60	11.50
6	C	11.12	12.00	12.00R	12.55	10.92	10.44	10.56
7	11.9-R	11.90R	12.80	13.80R	17.22	10.92	11.00	11.40
8	9.8-R	11.12	13.92	13.80R	13.20R	12.60	11.80	12.00
9	10.12	12.9-R	13.95	11.60	13.90	14.02R	12.46	11.52
10	9.8-R	10.21	C	12.00	11.72	11.00	11.20	11.56
11	10.8-R	11.80R	13.00R	11.41	10.00	11.80	C	C
12	9.20	11.10	12.02	12.00R	11.60	11.00	11.92	12.40
13	10.10	10.00	12.02	10.02R	9.80R	9.90	11.20	11.56
14	9.62R	9.92R	10.30	9.20	9.20	9.80	9.22	10.24
15	9.60R	C	C	C	C	C	C	C
MEDIAN	9.92	11.25	12.26	11.90	11.65	11.00	11.20	11.92
S.D. MED	.73	1.05	1.11	1.15	1.33	1.35	1.76	.63
U QUARTY	9.61	11.02	11.64	11.60	11.32	10.60	10.81	11.20
U QUARTY	10.11	11.80	13.64	12.20	12.55	12.30	11.93	11.90
RANGE	.50	.85	1.68	.60	1.35	1.74	1.06	.60
BLANK	0	0	0	0	0	0	0	0
ES	0	.01	.45	.62	.51	.56	.62	.31
SPR F	0	0	0	0	0	0	0	0

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE
NOV., 1966

SITE. NAKON SATHON
LOCAL STANDARD TIME

DAY	HR	1655	1705	1805	1905	2005	2105	2205	2305
1		11.64R	11.46R	11.72R	13.60R	12.40R	11.30	10.80	19.60R
2		12.10	12.40R	11.20R	13.70R	11.70R	11.00R	10.24	0.96
3		11.88R	12.00R	12.40R	13.20R	13.04R	12.00R	11.20R	10.06
4		11.76R	13.10	13.90R	13.20R	13.04R	11.88R	11.02R	11.20R
5		12.06	12.76R	12.70R	11.95R	11.80R	11.60R	10.92R	0.66
6		11.78	13.08R	13.10R	11.96R	11.94R	10.60R	10.60	0.66
7		11.92	11.62	11.94R	11.92R	11.04R	11.98R	10.00R	9.12
8		11.88	10.82	13.21	9.92R	9.85R	9.52R	11.32	10.04R
9		11.62	10.82	12.92R	13.18R	11.96R	12.52R	11.52	0.06
10		12.30	11.94	12.92R	11.90R	11.90R	12.56R	10.00	0.92
11		12.30	11.96	12.10R	11.20R	11.20R	11.52	9.20	7.00
12		12.00R	11.82	11.20	11.76R	11.62R	12.00R	1.20	10.48
13		12.00R	11.12	11.24R	9.82R	10.00	10.00	1.20	
14		11.98	11.12						
15									
MEDIAN		11.92	11.92	11.94	11.95	11.69	11.54	10.90	9.56
S.D. MED		.25	.25	.94	.90	.90	.89	.70	1.01
U. QUART		11.81	11.75	11.26	11.24	11.04	10.94	10.12	0.90
L. QUART		12.00	12.79	12.81	13.18	11.93	12.10	11.26	10.34
RANGE		.19	1.05	1.55	.80	.80	1.14	1.14	1.54
BLANK									
ES		.38	.00	.00	.00	.00	.25	.15	.00
SPRD F		.00	.00	.00	.00	.00	.00	.00	.00

CHARACTERISTIC. H FOFZ

198053 410 DATA
VERTICAL INCIDENCE
NOV.. 1966

SITE. NAKON SAMON
LOCAL STANDARD TIME

DAY	TIME	5	105	205	305	405	505	605	705
1		N	U	N	U	U	U	U	N
2		U	U	U	U	U	U	U	U
3		U	U	U	U	U	U	U	U
4		U	U	U	U	U	U	U	U
5		U	U	U	U	U	U	U	U
6		U	U	U	U	U	U	U	U
7		U	U	U	U	U	U	U	U
8		U	U	U	U	U	U	U	U
9		U	U	U	U	U	U	U	U
10		U	U	U	U	U	U	U	U
11		U	U	U	U	U	U	U	U
12		U	U	U	U	U	U	U	U
13		U	U	U	U	U	U	U	U
14		U	U	U	U	U	U	U	U
15		U	U	U	U	U	U	U	U
	MEDIAN								
	S.D.								
	QUANT								
	U QUANT								
	RAISE								

CHARACTERISTIC. H FCF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV.. 1966

SITE. NAKON SAHON
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	-	-	-	350	-	310	310	-
2	-	-	-	-	-	310	-	-
3	-	-	-	-	-	300	-	-
4	-	-	-	-	333	-	310	-
5	-	-	310	315	340	315	310	-
6	-	-	-	-	-	314	-	-
7	-	-	300	318	340	332	320	-
8	-	-	-	300	300	332	300	-
9	-	-	300	321	333	318	324	-
10	-	-	-	320	320	316	-	-
11	-	-	314	310	310	-	-	-
12	-	-	300	318	307	310	-	-
13	-	-	330	350	326	-	-	-
14	-	-	314	314	352	350	330	-
15	-	-	-	-	-	-	-	-
MEDIAN	0	0	330	318	333	315	310	9
S.D. MED	0	0	0.63	12.63	17.50	13.86	12.90	3
L QUART	0	0	330	312	310	310	310	0
U QUART	0	0	314	321	340	332	324	0
RANGE	0	0	14	7	31	22	14	6

CHARACTERISTIC. H FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE
NOV.. 1966

SITE. NAKON SAHON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	-	C	C	C	C	C	C	C
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	C	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	C	C	C	C	C	C	C	C
MEDIAN	0	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0	0
L QUART	0	0	0	0	0	0	0	0
U QUART	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

IONOSPHERIC DATA
VERTICAL INCIDENCE
NOV.-, 1966

SITE. NAKON SAMON
LOCAL STANDARD TIME

273

CHARACTERISTIC. FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE
NOV., 1966

SITE. NAKON SAMON
LOCAL STANDARD TIME

DAY /HR	835	905	1005	1105	1205	1305	1405	1505
1	-	-	-	5.00	-	5.02	5.05	-
2	-	-	-	-	-	5.01	-	-
3	-	-	-	-	-	5.01	-	-
4	-	-	-	-	5.02	-	5.00	-
5	-	-	5.00	4.99	4.99	4.99	5.00	-
6	-	-	-	-	-	4.99	-	-
7	-	-	4.99	5.00	5.00	5.03	4.99	-
8	-	-	-	5.00	5.00	4.99	5.01	-
9	-	-	5.00	5.00	5.00	5.00	5.00	-
10	-	-	5.00	5.01	5.00	5.00	-	5.00
11	-	-	5.00	5.00	4.99	-	-	-
12	-	-	5.00	5.00	5.00	5.00	-	-
13	-	-	4.99	4.99	5.00	-	-	-
14	-	-	5.00	4.99	5.00	5.00	5.01	-
15	-	-	-	5.00	5.00	-	-	-
MEDIAN	0	0	5.00	5.00	5.00	5.00	5.00	..
S.D. MED	0	0	0.01	0.01	0.01	0.01	0.02	..
L QUART	0	0	4.99	4.99	5.00	4.99	5.00	..
U QUART	0	0	5.00	5.00	5.00	5.00	5.01	..
RANGE	0	0	0.01	0.01	0	0.01	0.01	..

CHARACTERISTIC. FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV.. 1966

SITE- NAKON SAKON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	-	C*	C	C*	C	C	C	C
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	C	-	-	S	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	C	-	-	-	-	-	-	-
MEDIAN	0	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0	0
L QUART	0	0	0	0	0	0	0	0
U QUART	0	0	0	0	0	0	0	0
RAISE	0	0	0	0	0	0	0	0

CHARACTERISTIC. H FOFI

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV., 1966

SITE. NAKON SAHON
LOCAL STANDARD TIME

DAY .HR	5	105	205	305	405	505	605	705
1	N	C	N	C	C	C	C	N
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C
MEDIAN								
S.D. MED								
L. QUART								
U. QUART								
RANGE								

CHARACTERISTIC. H FOFI

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV.. 1966

SITE. NAKON SAHON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	-	C	C	C	C	C	C	C
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	C	-	-	-	-	-	-	-
12	-	-	-	S	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	C	C	C	C	C	C	C	C
MEDIAN	0	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0	0
L QUART	0	0	0	0	0	0	0	0
U QUART	0	0	0	0	0	0	0	0
PERCE	0	0	0	0	0	0	0	0

CHARACTERISTIC. FOES

IONOSPHERIC DATA
VERTICAL INCIDENCE
NOV., 1966

SITE. NAKON SAHON
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	N	C	N	C	C	C	C	N
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C
MEDIAN	...	...	...	...	...	...	...	...
S.D. MED	...	...	...	...	...	...	...	...
L. QUART	...	...	...	...	...	...	...	...
U. QUART	...	...	...	...	...	...	...	...
RANGE	0	0	0	0	0	0	0	0

CHARACTERISTIC. F0ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV., 1966

SITE. NAKON SAKON
LOCAL STANDARD TIME

DAY /HR	005	085	1005	1105	1205	1305	1405	1505
1	-	-	5.30L	5.71L	6.08L	5.25L	5.00L	-
2	-	-	5.94L	5.20L	5.40L	5.10L	7.10L	6.30L
3	-	5.20L	-	6.80L	5.61L	7.44L	7.10L	7.00L
4	-	-	-	-	-	-	-	-
5	-	-	-	6.60L	-	-	5.10L	6.50L
6	-	-	13.200	6.00L	-	5.92L	7.40L	-
7	-	-	6.88L	6.46L	6.57L	7.10L	6.30L	-
8	-	-	7.30L	-	6.60L	-	-	4.90L
9	-	-	5.18L	5.98L	5.20L	5.40L	5.00L	-
10	-	-	-	7.20L	-	-	-	-
11	-	-	-	8.24L	7.96L	-	7.06L	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
MEDIAN	0	..	6.91	6.46	6.30	5.66	6.78	6.45
S.D. MED	0	..	2.35	0.85	0.80	0.99	0.98	0.95
L QUART	0	..	5.30	5.32	5.48	5.23	5.49	5.20
U QUART	0	..	7.30	7.00	6.60	7.10	7.10	6.80
RANGE	0	..	2.00	1.16	1.12	1.87	1.61	1.20

CHARACTERISTIC. FIES

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV.. 1966

SITE. NAKON SAKON
LOCAL STANDARD TIME

DAY	HR	1505	1705	1805	1905	2005	2105	2205	2305
1	11.00L	C	C	C	C	C	C	C	C
2	7.00L	6.80L							
3	7.00L								
4	7.00L								
5	5.00L							16.400	5.92F
6	5.00L								
7							7.98F		
8							10.20F	6.50F	7.02F
9									5.92F
10									
11							11.10F		
12						7.24F			
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
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95									
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97									
98									
99									
100									

CHARACTERISTIC. H F3

IONOSPHERIC DATA
VERTICAL INCIDENCE

N21.. 1966

SITE. NAKON SAKON
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	N	U	N	U	U	U	U	N
2	C	U	C	U	U	U	U	C
3	U	U	U	U	U	U	U	U
4	U	U	U	U	U	U	U	U
5	U	U	U	U	U	U	U	U
6	U	U	U	U	U	U	U	U
7	U	U	U	U	U	U	U	U
8	U	U	U	U	U	U	U	U
9	U	U	U	U	U	U	U	U
10	U	U	U	U	U	U	U	U
11	U	U	U	U	U	U	U	U
12	U	U	U	U	U	U	U	U
13	U	U	U	U	U	U	U	U
14	U	U	U	U	U	U	U	U
15	U	U	U	U	U	U	U	U
MEDIAN	0	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0	0
L QUART	0	0	0	0	0	0	0	0
U QUART	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

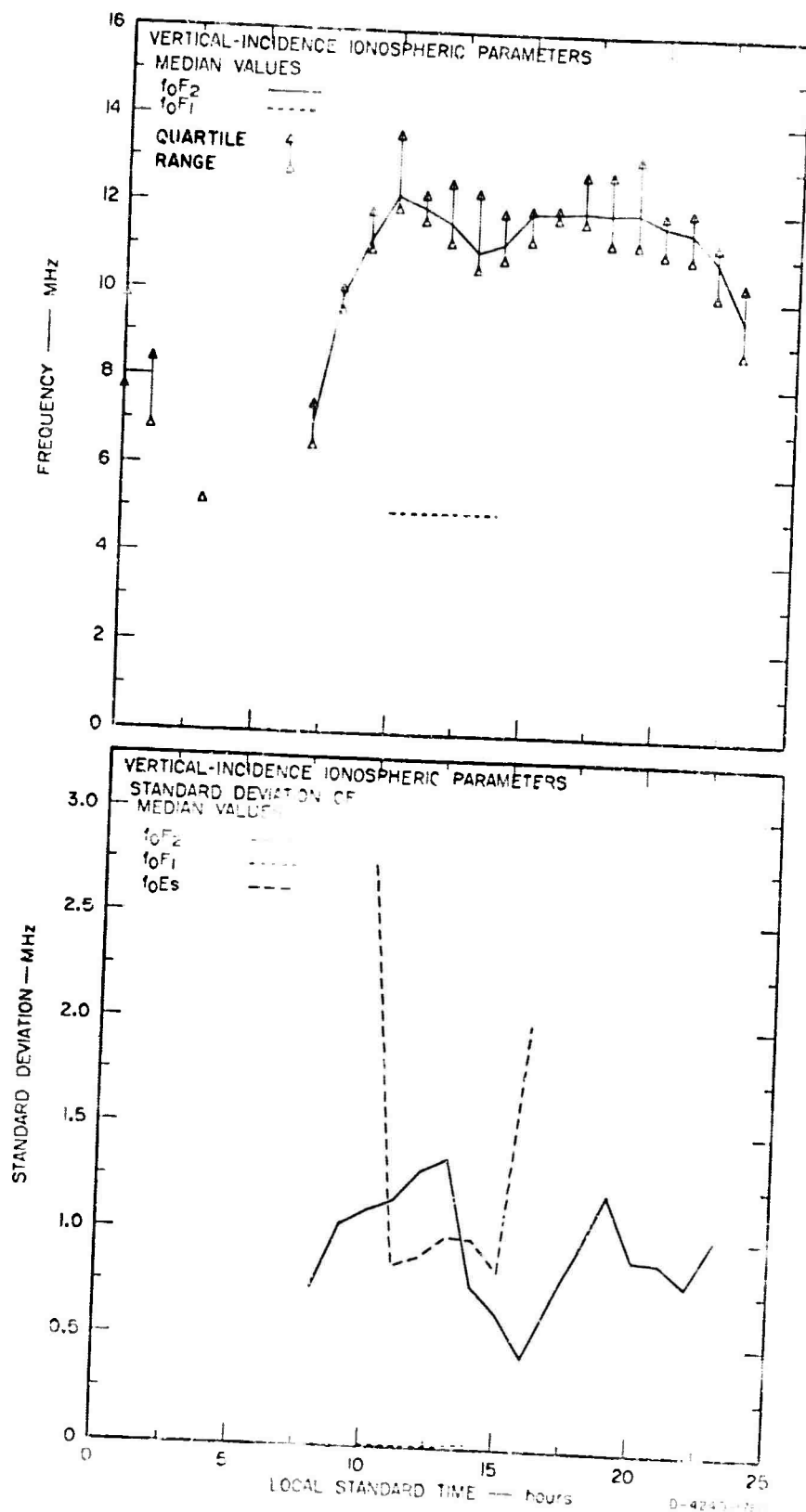
CHARACTERISTIC. M ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV., 1956

SITE. NAKON SAKON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	103	C	C	C	C	C	C	C
2	102	102	-	-	-	-	-	-
3	102	-	-	-	-	-	-	-
4	110	-	-	-	-	-	-	110
5	111	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	C	-	-	S	-	-	-	105
12	-	-	-	-	-	-	-	100
13	-	-	-	-	107	-	-	-
14	-	-	-	-	-	-	-	-
15	C	C	C	C	C	C	C	C
MEDIAN	103	..	0	0	..	105	..	105
S.D. MED	7.65	..	0	0	..	1.29	..	4.00
L. QUART	112	..	0	0	..	105	..	100
U. QUART	114	..	0	0	..	105	..	110
RANGE	12	..	0	0	..	3	..	10



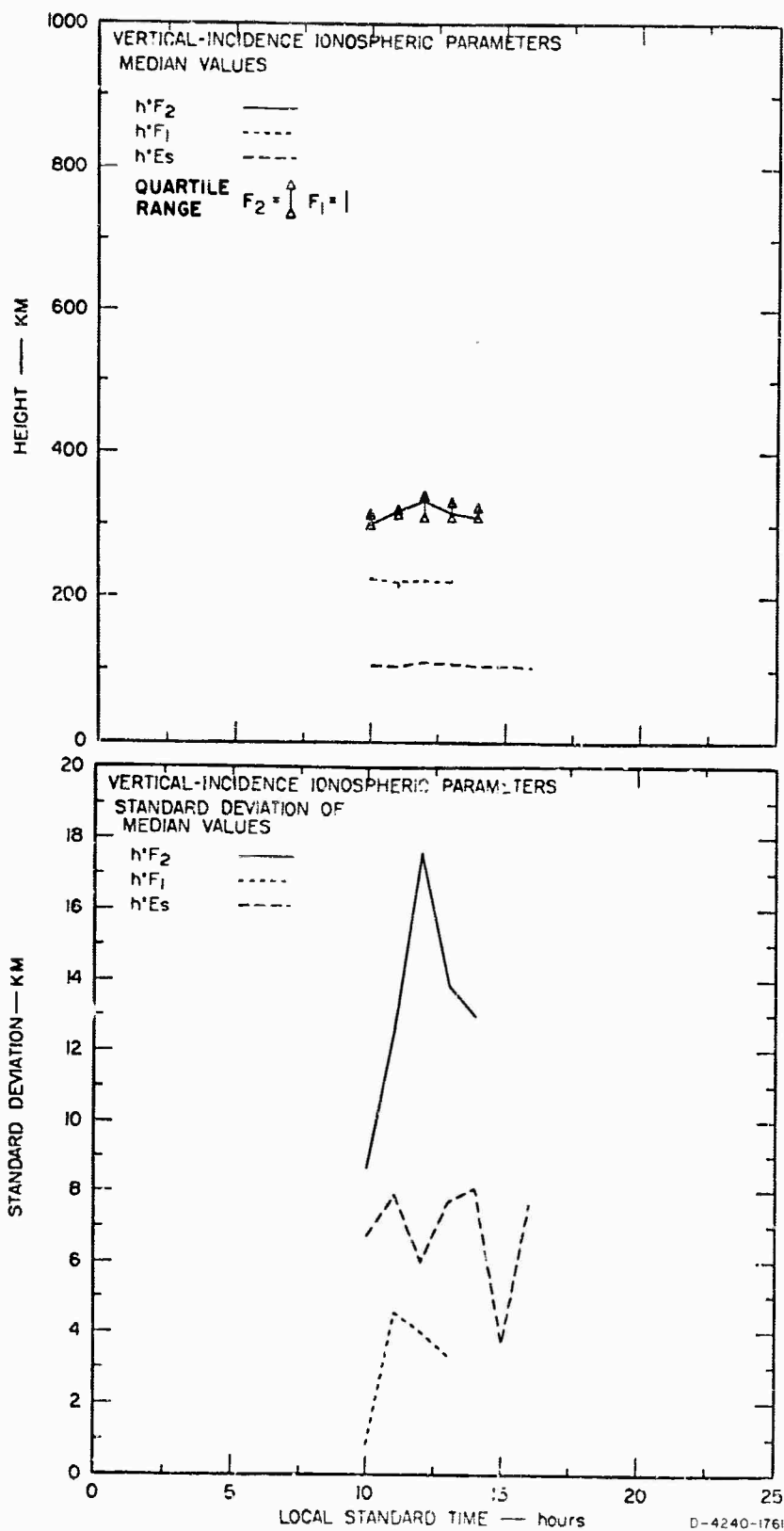


FIG. 33 VIRTUAL HEIGHT SUMMARY, NAKON SAWAN, NOVEMBER, 1966

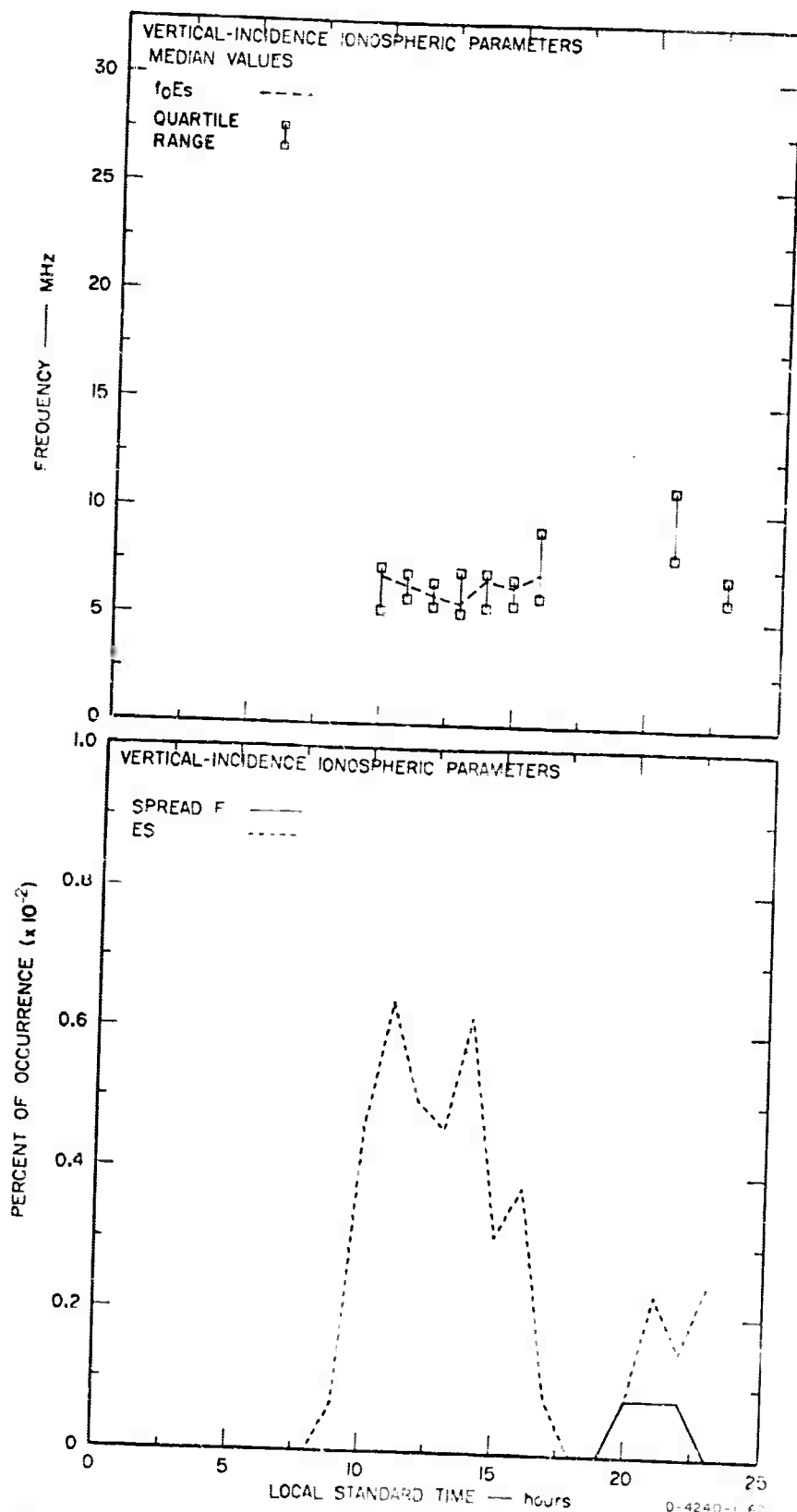


FIG. 34 SPORADIC E AND SPREAD F SUMMARY NAKHON SAWAN, NOVEMBER, 1966

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IV IONOSPHERIC DATA

E. Songkhla

Pages 290 through 310 present ionospheric data for the month of September 1966.

Pages 311 through 331 present ionospheric data for the month of October 1966.

Pages 332 through 352 present ionospheric data for the month of November 1966.

Pages 353 through 373 present ionospheric data for the month of December 1966.

Pages 374 through 394 present ionospheric data for the month of January 1967.

Pages 395 through 418 present ionospheric data for the month of February 1967.

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE
SEPT., 1944

SITE. SONGKHA
LOCAL STANDARD TIME

DAY /HR	0	100	200	300	400	500	600	700
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	5.30	C	C	C	C	C	C	5.00
11	6.00	5.00	4.50	C	C	C	C	5.00
12	7.00R	6.44	5.60	C	C	C	C	6.00
13	8.24	7.50R	5.60	C	C	C	C	6.75
14	F	5.60	C	C	C	C	C	7.50
15	7.30	C	C	C	C	C	C	7.20
16	F	6.10R	C	C	C	C	C	7.50R
17	F	6.05	5.55	4.70	C	C	C	7.60
18	7.71R	F	5.60	5.00	4.70	5.50R	C	8.00R
19	N	F	F	4.00	5.20	C	C	7.50R
20	F	F	F	6.01R	C	C	C	C
21	F	F	F	C	C	C	C	C
22	F	F	F	C	C	C	C	C
23	9.00	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C
25	F	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C
MEDIAN	7.60	6.10	4.45	...	4.75	...	...	7.50
S.D. MED	1.00	.01	.00	...	.55	...	...	.50
L QUART	6.07	5.50	5.57	...	5.40	...	...	6.01
U QUART	7.97	6.95	5.53	4.00	5.30	...	...	7.57
RANGE	1.90	1.45	3.00	4.00	2.00	2.00	11.00	.76
BLANK	1.00	0	0	0	0	0	0	0
LS	0	0	0	.20	0	0	0	0
SPRD F	.46	.42	.50	...	0	...	...	0

CHARACTERISTIC. F0F2

IONOSPHERIC DATA
VERTICAL INCIDENCE
SEPT., 1966

SITE. SONOCHUA
LOCAL STANDARD TIME

DAY /HR	005	005	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	9.00R	0.60	0.10	7.05	7.90	7.90	0.10R	0.00
11	0.60	0.60	0.10	7.00	7.35	9.00	0.40	10.00R
12	7.35R	7.35	7.10	7.00	7.35	7.75	7.40	10.00R
13	9.10R	7.75	7.09	6.65	7.55	7.60	7.50	7.50R
14	0.60	7.75	7.30	7.45	7.75	7.90	0.50	0.20
15	C	7.60	7.05	7.00	8.10	0.20	10.10	9.00
16	0.60	0.60	7.00	7.05	7.95	0.20	9.00R	9.20R
17	0.60	0.20	7.40R	7.75	0.22	0.40	2.50	9.50
18	9.10	10.30R	0.20	7.70	0.22	0.20	0.60	2.00
19	0.60	9.04R	7.70	7.20	7.96	0.20	0.60	0.40
20	9.40	10.20	9.00	7.90	7.20	7.05	0.20	0.40
21	9.10	10.00R	0.40	0.10	7.96	0.92R	0.10	9.10
22	C	C	0.20	7.95	0.20	0.60R	0.40	9.04R
23	C	C	0.00	C	C	0.90	0.00	10.40
24	C	C	0.00	7.55	0.00	0.50	0.00	9.50R
25	C	C	C	C	C	C	C	10.10
26	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	10.40
MEDIAN	0.00	0.60	7.00	7.70	7.95	0.20	9.44	9.07
S.D. MED	0.4	1.11	0.65	0.42	0.34	0.45	0.72	0.75
L. QUART	0.60	7.75	7.20	7.32	7.52	7.05	9.20	9.00
U. QUART	9.10	9.95	0.30	7.90	0.00	0.60	9.00	10.00
RANGE	0.50	2.20	1.10	0.50	0.96	0.75	0.00	1.10
BLANK	0	0	0	0	0	0	0	0
ES	0.3	1.00	0.93	0.05	1.00	1.00	0.04	0.63
SPRD F	0.13	0.00	0.07	0.07	0	0	0	0

CHARACTERISTIC. F0F2

IONOSPHERIC F-7A
VERTICAL INCIDENCE
SEPT., 1966

SITE. SONGCHIA
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	N	-	C	C	C	C	C	C
10	-	19.40R	10.00R	9.00	9.00	9.00R	7.00	6.25R
11	19.10	C	10.20	10.30	8.74	8.30	9.00R	8.60
12	8.20	9.40	9.00	9.00R	9.10	8.44	9.70	8.00
13	8.50	C	9.70R	9.04R	9.10	8.20R	8.20	8.50
14	6.30R	C	10.00R	9.10	8.10	F	F	N
15	11.00	11.20	11.00R	10.50	9.40R	9.10	9.00	8.10R
16	N	10.60	10.60	10.46	9.70R	9.70R	9.00R	8.40
17	9.26	9.10	10.00R	8.60R	10.00R	F	F	9.20
18	10.04R	10.50R	10.30	10.30R	10.00R	19.20R	9.92	11.20
19	9.10	9.50	10.40	10.30R	9.14R	9.20R	9.45R	11.20
20	C	9.70	10.10	9.60R	F	F	F	F
21	10.00R	10.70	11.00	10.50	F	F	F	10.10
22	9.00	C	10.40R	C	F	8.00	9.00	C
23	10.70	10.40	C	F	C	8.42	C	C
24	10.00R	11.10R	11.00R	C	C	C	C	C
25	12.00R	10.24R	11.00P	9.14R	8.64	C	C	C
26	10.50	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C
30	10.50	10.60	10.00	10.00R	C	F	C	F
MEDIAN	10.04	10.40	10.20	9.97	9.10	9.15	9.40	9.60
S.D. MED	1.00	.72	.60	.63	.55	.37	1.16	1.71
U QUART	9.10	9.45	10.00	9.14	8.60	8.00	9.10	7.52
L QUART	10.70	10.75	10.60	10.30	9.55	9.70	9.04	9.65
RANGE	1.60	1.30	.60	1.16	.86	.90	.74	2.55
BLANK	0	0	0	0	0	0	0	0
ES	.39	.29	.07	0	.07	.13	0	0
SPRD F	0	0	0	.07	.36	.53	.44	.10

IONOSPHERIC DATA
VERTICAL INCIDENCE

**SITE. SONGCLA V
LOCAL STANDARDS TIME**

[illegible]

CHARACTERISTIC. H FOOT

IONOSPHERIC DATA
VERTICAL INCIDENCE
SEPT., 1946

SITE. SONOGULA
LOCAL STANDARD TIME

DAY /HP	305	945	1005	1115	1215	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C
MEDIAN	305	305	345	305	400	355	350	311
S.D. MED	25.11	21.57	32.89	25.11	19.96	17.40	27.69	28.90
L QUANT	300	300	312	300	386	345	310	306
U QUANT	310	310	361	310	405	360	355	320
RANGE	10	10	49	10	19	24	45	12

IONOSPHERIC DATA
VERTICAL INCIDENCE
SEPT., 1946

SITE- SONGKHLA
LOCAL STANDARD TIME

295

CHARACTERISTIC. FC-1

ATMOSPHERIC DATA
VERTICAL INCIDENCE
SEP., 1966

SITE. SONAGULA
LOCAL STANDARD TIME

DAY /HR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	MEDIAN	S.D.	RED	L. QUANT	U. QUANT	RANGE
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
205	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
305	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
405	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
505	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
605	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
705	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CHARACTERISTIC. FOFI

IONOSPHERIC DATA
VERTICAL INCIDENCE

SEPT., 1966

SITE. SONCKMLA
LOCAL STANDARD TIME

DAY /HR	005	305	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C
31	C	C	C	C	C	C	C	C
MEDIAN	..	..	..	..	..	..	..	..
S.D. MED	..	..	..	..	..	..	..	..
L QUART	..	..	..	..	..	..	..	..
U QUART	..	..	..	..	..	..	..	..
RANGE	..	..	..	..	..	..	..	..

CHARACTERISTIC. FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE

SEPT., 1944

SITE. SOYKCHLA
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
2	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
3	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
4	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
5	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
6	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
7	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
8	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
9	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
10	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
11	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
12	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
13	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
14	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
15	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
16	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
17	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
18	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
19	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
20	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
21	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
22	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
23	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
24	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
25	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
26	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
27	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
28	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
29	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
30	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
MEDIAN	00	00	00	00	00	00	00	00
S.D. MED	00	00	00	00	00	00	00	00
L QUART	00	00	00	00	00	00	00	00
U QUART	00	00	00	00	00	00	00	00
RANGE	00	00	00	00	00	00	00	00

CHARACTERISTIC. W FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE

SEPT., 1966

SITE. SONOCHUA
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU
2	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU
3	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU
4	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU
5	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU
6	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU
7	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU
8	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU
9	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU
10	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU
11	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU
12	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU
13	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU
14	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU
15	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU
16	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU
17	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU
18	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU
19	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU
20	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU
21	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU
22	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU
23	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU
24	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU
25	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU
26	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU
MEDIAN	0	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0	0
L QUART	0	0	0	0	0	0	0	0
U QUART	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

CHARACTERISTIC. H FOF?

IONOSPHERIC DATA
VERTICAL INCIDENCE
SEPT., 1966

SITE. SONCECLA
LOCAL STANDARD TIME

DAY /HR	035	045	055	065	075	085	095	105	115	125	135	145	155	165	175	185	195	205	215	225	235	245	255	265	275	285	295	305
1	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
MEDIAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S.D.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L QUART	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
U QUART	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CHARACTERISTIC. H FOR:

IONOSPHERIC DATA
VERTICAL INCIDENCE
SEPT., 1946

SITE. SONGBUNLA
LOCAL STANDARD TIME

DAY /HR 1605	1705	1805	1905	2015	2105	2205	2305
1	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
2	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
3	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
4	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
5	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
6	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
7	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
8	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
9	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
10	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
11	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
12	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
13	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
14	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
15	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
16	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
17	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
18	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
19	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
20	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
21	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
22	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
23	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
24	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
25	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
26	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
27	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
28	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
29	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
30	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
MEDIAN	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
S.D. MED	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
L. QUANT	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
U. QUANT	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
RANGE	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU

CHARACTERISTIC. F0ES

IONOSPHERIC DATA
VERTICAL INCIDENCE
SEPT., 1966

SITE: SONCELA
LOCAL STANDARD TIME

DAY /HR	5	10	15	20	25	30	35	40	45	50	55	60	65	70
1														
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														
25														
26														
MEDIAN	...	...	...	...	...	...	...	...	...	...	...	...	...	...
S.D. MED	...	...	...	...	...	...	...	...	...	...	...	...	...	...
L. QUART	...	...	...	...	...	...	...	...	...	...	...	...	...	...
H. QUART	...	...	...	...	...	...	...	...	...	...	...	...	...	...
RANGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CHARACTERISTIC. F0E3

LOGOSPHERIC DATA
VERTICAL INCIDENCE

SEPT., 1966

SITE. SONOBUA
LOCAL STANDARD TIME

DAY /HR	005	063	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	8.50L	7.00L	11.40L	12.40L	12.00L	15.00L	10.40L	15.10L
10	7.50L	8.00L	F	F	11.70L	15.00L	16.00L	14.00L
11	-	10.00L	12.00L	12.00L	15.00L	15.00L	18.00L	-
12	0.00L	6.55L	7.05L	12.00L	12.00L	15.20L	15.20L	11.10L
13	C	7.50L	11.00L	11.00L	12.00L	12.00L	15.00L	0.00L
14	C	6.60L	11.10L	15.10L	11.10L	11.10L	15.00L	15.00L
15	N	7.00L	10.00L	11.50L	11.00L	0.40L	-	C
16	-	6.00L	8.97L	5.50L	11.40L	11.90L	8.00L	3.95L
17	-	6.15L	6.45L	7.10L	7.00L	7.50L	9.00L	-
18	-	6.97L	11.76L	12.04L	15.00L	12.00L	12.20L	-
19	-	C	12.20L	-	C	C	C	-
20	13.00L	C	12.54L	11.90L	14.50L	12.00L	11.50L	6.00L
21	-	7.00L	7.40L	9.00L	12.00L	13.20L	11.90L	11.20L
22	C	C	C	C	C	8.00L	7.55L	0.00L
23	C	C	C	C	C	C	C	C
24	C	10.50L	11.00L	7.50L	11.00L	11.50L	10.10L	7.00L
25	C	C	C	C	C	C	12.00L	C
26	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C
MEDIAN	8.40	7.00	11.00	11.66	12.00	12.00	11.06	9.95
S.D. MED	2.36	1.45	2.56	2.81	2.15	2.42	2.00	3.20
L QUANT	7.75	6.57	7.22	8.95	11.40	11.06	9.00	7.00
U QUANT	10.90	8.05	11.85	12.62	14.60	15.20	15.00	15.00
RANGE	3.15	1.40	4.63	4.97	3.48	4.00	5.00	6.00

CHARACTERISTIC. F003

LONGOSPACIC DATA
VERTICAL INCIDENCE

SEP 1., 1966

SITE. SONCHENLA
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	N	C	C	C	C	C	C	C
10	11.100	5.50L	5.50F	5.20F	4.80F	5.65F		
11	C	14.200						
12	C	C						
13	C	C						
14	C	C						
15	C	C						
16	N	11.200						
17	10.100	5.00L						
18	C	C						
19	C	C						
20	C	C						
21	C	C						
22	7.00L	C						
23	9.00L	C						
24	C	C						
25	5.55L	6.55L						
26	11.100	C						
27	C	C						
28	C	C						
29	C	C						
30	C	C						
MEDIAN	14.10	6.17						
S.D. MED	2.25	4.84						
L QUART	7.00	5.65						
U QUART	11.10	14.57						
RANGE	4.10	4.72						

IONOSPHERIC DATA
VERTICAL INCIDENCE
SEPT., 1966

**SITE. SONCULA
LOCAL STANDARD TIME**

BAY /NR	MEDIAN S.D./MED L QUART U QUANT RANGE
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
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16	
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18	
19	
20	
21	
22	
23	
24	
25	
26	
105	
205	
305	
405	
505	
605	
705	

CHARACTERISTIC. H.L.

IONOSPHERIC DATA
VERTICAL INCIDENCE

SEPT., 1966

SITE, SONOMA,⁴
LOCAL STANDARD TIME

DAY /HR	015	065	100	1105	1245	1305	1611	1805
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	100	100	100	100	100	102	105	110
11	101	101	101	101	100	100	100	100
12	-	100	100	100	100	100	100	100
13	-	100	100	100	100	100	100	100
14	112	100	100	100	100	100	100	100
15	C	100	100	100	100	100	100	100
16	C	100	100	100	100	100	100	100
17	C	100	100	100	100	100	100	100
18	-	100	100	100	100	100	100	100
19	-	100	100	100	100	100	100	100
20	-	100	100	100	100	100	100	100
21	120	100	100	100	100	100	100	100
22	-	100	100	100	100	100	100	100
23	-	100	100	100	100	100	100	100
24	-	100	100	100	100	100	100	100
25	C	100	100	100	100	100	100	100
26	C	100	100	100	100	100	100	100
27	C	100	100	100	100	100	100	100
28	C	100	100	100	100	100	100	100
29	C	100	100	100	100	100	100	100
30	C	100	100	100	100	100	100	100
MEDIAN	110	100	100	100	102	101	105	110
S.D. WD	10.16	4.45	3.26	3.64	2.96	2.49	6.55	9.02
L QUANT	104	103	100	100	100	100	100	105
U QUANT	120	110	105	105	104	105	106	111
RANGE	16	7	5	5	4	5	6	6

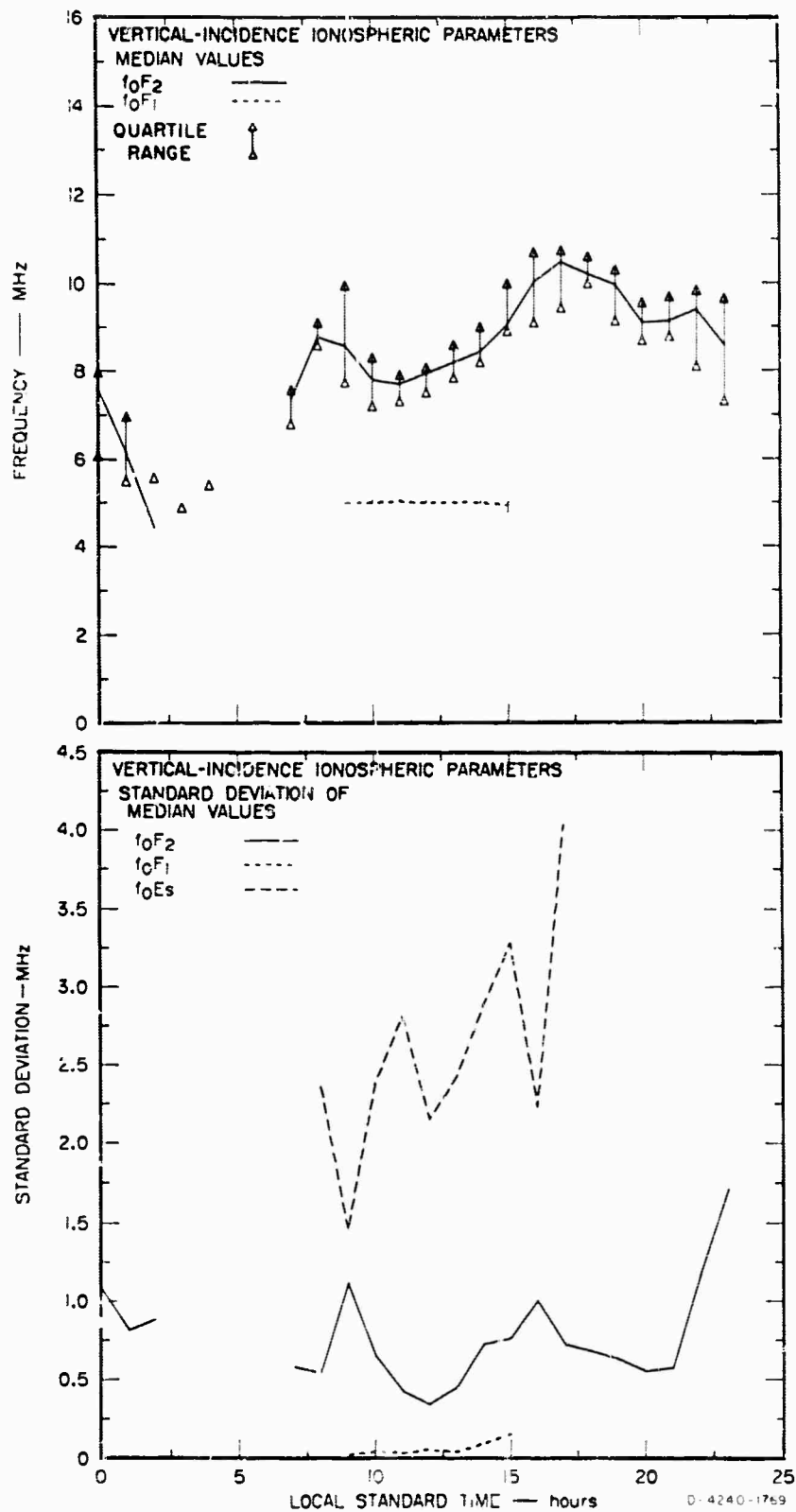
CHARACTERISTIC. H EX

IC. XPERIMENTAL DATA
VERTICAL INFLUENCE

SEPT., 1946

SITE. SONGOLA
LOCAL STANDARD TIME

DAY /HR	1615	1705	1805	1905	2015	2105	2205	2305
1	90	105	110	110	110	110	110	110
2	90	105	110	110	110	110	110	110
3	90	105	110	110	110	110	110	110
4	90	105	110	110	110	110	110	110
5	90	105	110	110	110	110	110	110
6	90	105	110	110	110	110	110	110
7	90	105	110	110	110	110	110	110
8	90	105	110	110	110	110	110	110
9	90	105	110	110	110	110	110	110
10	90	105	110	110	110	110	110	110
11	90	105	110	110	110	110	110	110
12	90	105	110	110	110	110	110	110
13	90	105	110	110	110	110	110	110
14	90	105	110	110	110	110	110	110
15	90	105	110	110	110	110	110	110
16	90	105	110	110	110	110	110	110
17	90	105	110	110	110	110	110	110
18	90	105	110	110	110	110	110	110
19	90	105	110	110	110	110	110	110
20	90	105	110	110	110	110	110	110
21	90	105	110	110	110	110	110	110
22	90	105	110	110	110	110	110	110
23	90	105	110	110	110	110	110	110
24	90	105	110	110	110	110	110	110
25	90	105	110	110	110	110	110	110
26	90	105	110	110	110	110	110	110
27	90	105	110	110	110	110	110	110
28	90	105	110	110	110	110	110	110
29	90	105	110	110	110	110	110	110
30	90	105	110	110	110	110	110	110
MEDIAN	112	106	106	106	106	106	106	106
S.D.	8.41	5.74	5.74	5.74	5.74	5.74	5.74	5.74
L. QUANT	105	102	102	102	102	102	102	102
U. QUANT	115	111	111	111	111	111	111	111
RANGE	12	9	9	9	9	9	9	9



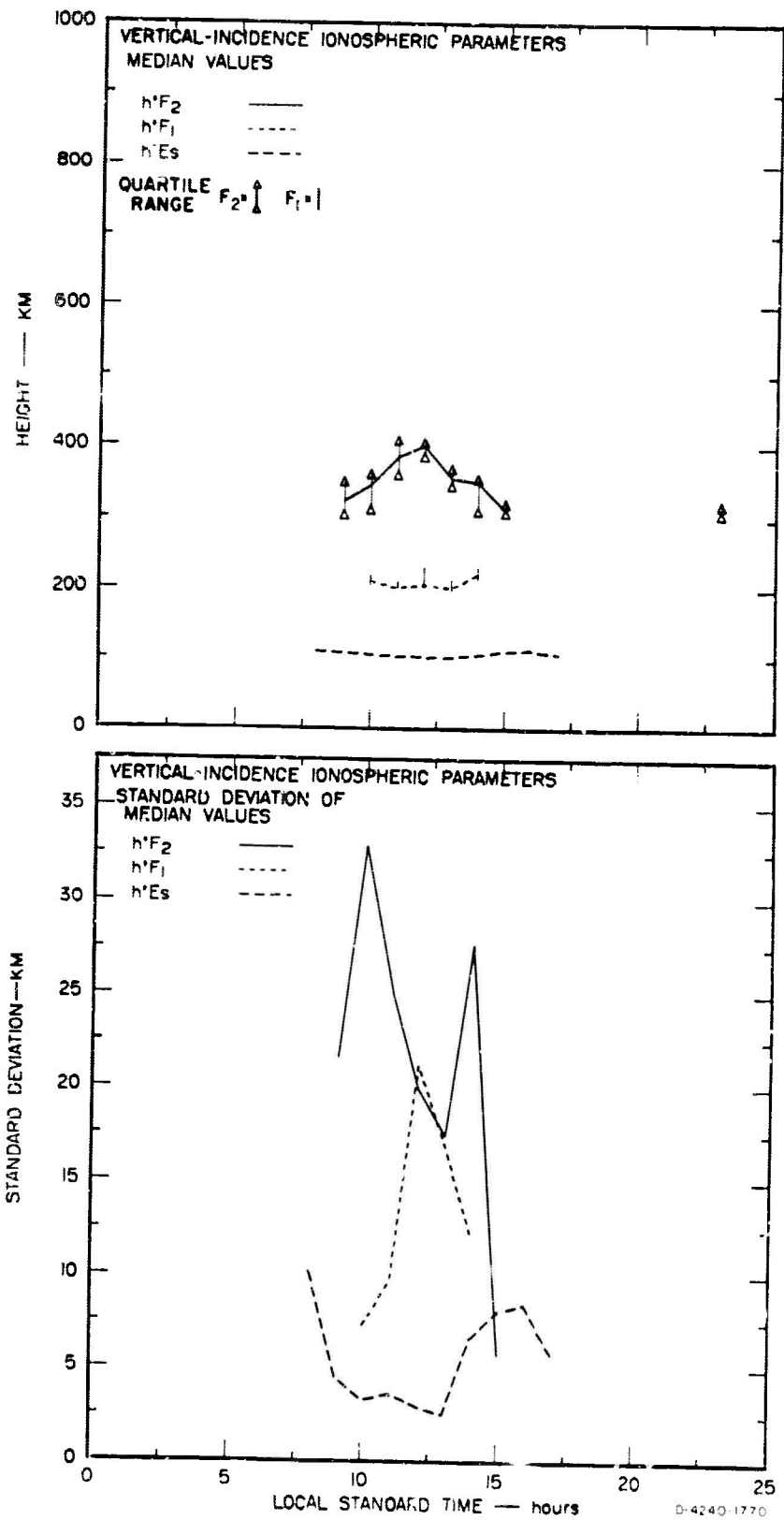


FIG. 36 VIRTUAL HEIGHT SUMMARY, SONOKHLA, SEPTEMBER, 1966

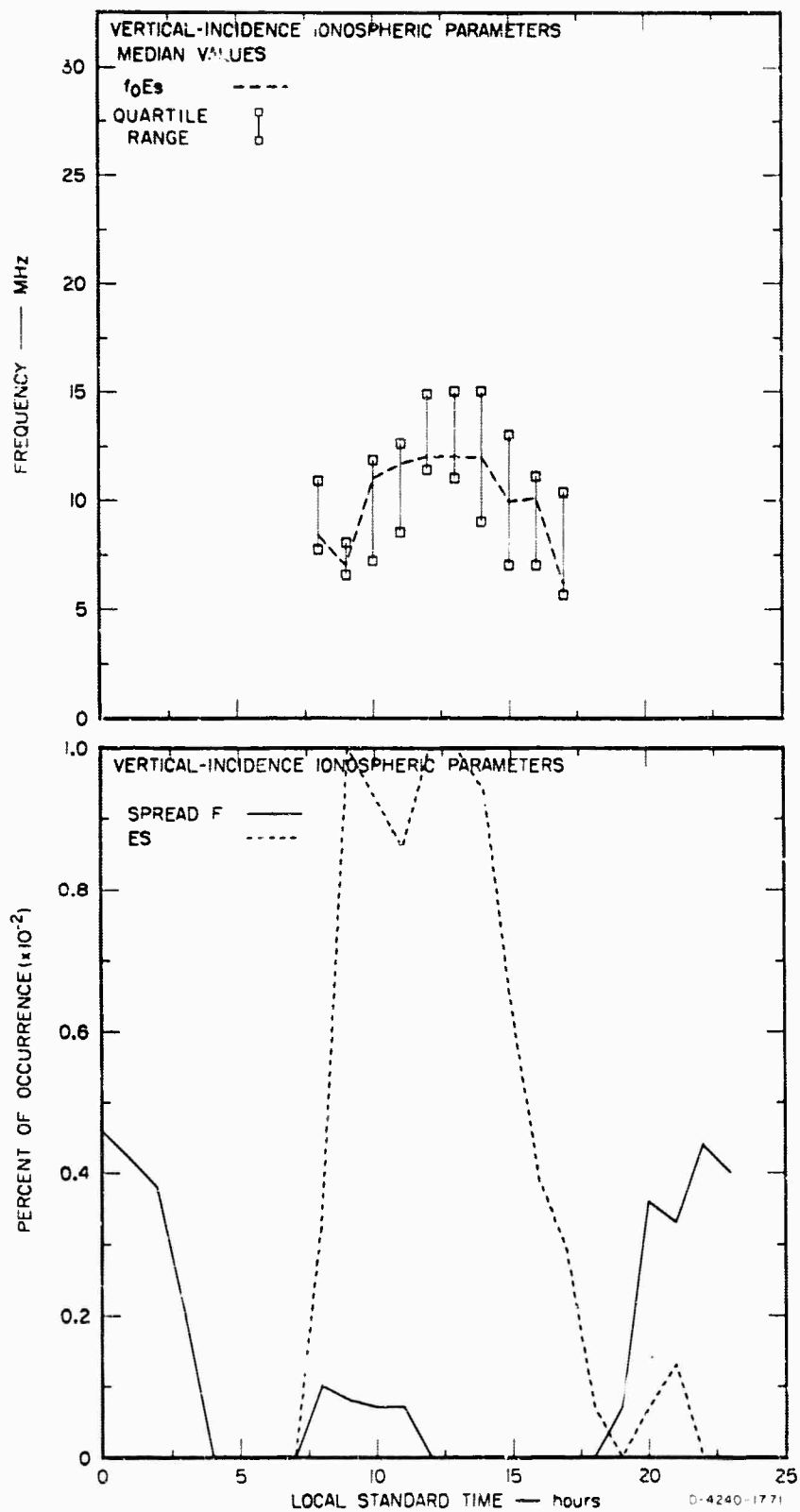


FIG. 37 SPORADIC E AND F SUMMARY, SONGKHLA, SEPTEMBER, 1966

CHARACTERISTIC. FOUR

IONOSPHERIC DATA
VERTICAL INCIDENCE

OCT., 1966

SITE: SONOMA
LOCAL STANDARD TIME

DAY /HR	E	105	205	305	405	505	605	705
1	F	F	F	F	F	F	C	7.05
2	F	F	F	F	F	F	C	7.72
3	F	F	F	F	F	F	C	7.74
4	F	F	F	F	F	F	C	7.50R
5	F	F	F	F	F	F	C	7.15
6	F	F	F	F	F	F	C	7.80
7	0.00	7.04R	6.62	6.10R	4.20	4.20	4.50	8.00
8	F	F	F	F	5.02	5.02	4.50	7.74
9	7.60	7.70R	6.40	4.50	4.65	4.65	4.50	7.60
10	7.95	7.95	5.20	5.05	C	C	C	7.80
11	0.00	7.70R	5.65	4.05	4.50	4.50	C	7.00
12	F	F	F	4.05	4.50	4.50	C	C
13	F	F	F	5.40	C	C	C	7.50
14	F	F	F	4.65	C	C	C	7.00
15	3.00	7.00	6.50R	4.65	C	C	C	7.70
16	7.70R	F	F	F	C	C	C	C
17	F	F	F	F	C	C	C	C
18	F	F	F	F	C	C	C	C
19	F	F	F	F	C	C	C	C
20	C	F	F	F	C	C	C	C
21	C	F	F	F	C	C	C	C
22	C	F	F	F	C	C	C	C
23	C	F	F	F	C	C	C	C
24	C	F	F	F	C	C	C	C
25	C	6.05R	4.60	5.65	5.65	5.65	C	7.50R
26	N	6.49	5.45	C	C	C	C	7.60
27	7.05	7.45R	6.75	6.40R	5.65	5.65	C	8.40
28	F	6.45	5.60	4.95	C	C	C	7.70
29	C	C	F	F	C	C	C	C
30	F	5.60	F	F	C	C	C	7.65
MEDIAN	7.95	7.00	5.62	4.76	...	...	...	7.65
3-D MED	7.50	7.71	7.71	5.32	...	...	...	7.26
L QUART	7.60	6.49	5.50	...	...	...	...	7.80
U QUART	8.00	7.74	6.50	5.51	4.80	...	...	7.80
RANGE	-.40	1.25	1.20	5.47	4.80	...	...	.50
BLANK	0	0	0	5.00	8.00	...	...	0
ES	0	0	0	0	0	...	...	0
SPRD F	.60	.50	.55	.30	.40	7.00	20.00	.00

CHARACTERISTIC. POF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

OCT., 1966

SITE. SONOCHLA
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	9.20	9.02	8.20	7.65	7.70	8.10	8.64	9.00
2	-	8.40	7.56	7.61	7.05	7.71	8.72	9.10
3	10.00R	C	7.70	6.76	6.97	7.10	7.08	8.00
4	9.10R	9.00	8.04	7.60	7.80	8.00	C	9.90R
5	7.70	10.00R	10.00R	8.50	9.00	9.20	9.20R	10.00
6	9.00	9.12	9.00	8.40	8.92	9.60	10.02	10.60
7	10.20R	10.00R	9.20	7.90	7.71	8.10	9.23	9.20
8	9.10	9.10	9.10	8.20	8.00	8.22	9.30	10.00
9	9.00	8.92	C	7.95	8.10	8.00	10.00R	11.00R
10	8.00	9.76	9.00	8.20	8.30	8.56	9.00	9.90
11	9.54R	9.90	8.00	8.10	8.30	9.10	9.02	10.00
12	9.10	10.20R	8.60	7.92	8.20	9.10	10.00R	11.20R
13	9.00R	11.20R	10.10R	8.40	8.64	9.30R	10.40	11.10
14	9.00R	9.30	8.10	8.10	8.30	9.00R	10.40	11.00
15	9.40R	9.34R	7.50	7.55	8.10	9.10	10.10	11.20
16	10.00R	9.60R	9.20	C	8.50	11.70R	10.60	11.60
17	9.00	8.00	9.10	8.00	9.10	10.10	10.90	12.00
18	9.00R	9.20R	9.10	8.05	7.05	8.36	C	C
19	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C
23	9.20R	C	8.00R	8.70R	10.00R	9.20R	10.00	12.40
24	10.00R	C	C	C	8.00	8.00R	8.00R	9.00
25	9.00R	C	C	C	C	C	C	9.90
26	9.40	10.10	9.30R	8.10	8.00	8.00	C	11.00
27	9.20	10.16	10.20R	9.30	8.70	9.00	9.00	11.00
28	9.20	10.40	10.20R	9.50	8.70	8.50	10.20	11.00
29	C	C	8.30	8.30	9.00	8.50	9.00	10.40
30	8.00	10.00R	8.70	8.70	9.00	8.00	9.00R	9.50R
31	C	9.00R	8.40	8.00	8.10	7.35	8.90	9.90
MEDIAN	9.20	9.70	8.00	8.10	8.25	8.00	9.00	10.20
S.D. MED	.50	.00	.75	.57	.71	.87	.70	.03
L QUART	9.00	9.02	8.20	7.90	8.00	8.50	8.90	9.90
U QUART	9.90	10.10	9.15	8.50	8.70	9.20	10.20	11.00
RANGE	.90	1.00	.95	.60	.70	.90	1.30	1.10
BLANK	1	0	0	0	0	0	0	0
ES	.50	.95	.95	.95	.92	.80	.97	.50
SPRD F	0	0	0	0	0	0	0	0

CHARACTERISTIC. F0F2

IONOSPHERIC DATA
VERTICAL INCIDENCE

OCT., 1966

SITE. SONCKELA
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	10.06	10.04R	10.04R	9.10R	F	F	F	F
2	10.20	C	10.30	10.00R	F	F	F	9.40
3	10.02	10.56	10.40	9.32R	F	F	F	F
4	10.76	11.54	11.24	9.96R	F	F	F	F
5	11.20	12.10R	11.96R	12.00R	11.34	9.10	8.50	7.88
6	11.50	12.10R	11.20	10.20	10.00R	11.20R	10.80	11.04
7	9.20	9.90R	9.92R	9.00	7.95	F	F	F
8	10.40	10.10	9.40	8.00	F	F	F	F
9	11.20	11.10	10.30	9.20	F	F	F	F
10	10.20	10.04	9.40	9.10R	F	F	F	F
11	11.00	11.50	10.42	9.50R	F	F	F	F
12	12.00R	12.20R	11.96R	10.10R	F	F	F	F
13	11.94R	11.96R	11.00	F	F	F	F	F
14	12.00R	12.00R	12.10R	10.40	F	F	F	F
15	12.00	12.00R	11.20	10.10	F	F	F	F
16	12.00	12.30R	12.10R	10.30	10.50	F	F	F
17	12.00	12.20R	12.00R	10.00	F	F	F	F
18	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C
23	11.00R	C	8.4	C	7.40R	8.00	8.62	7.70
24	8.50R	9.20R	8.75	7.40R	F	F	F	F
25	C	11.00R	8.90A	8.40	8.50	F	F	F
26	16.10	10.70R	10.24	9.00R	8.00	C	C	C
27	10.60	S	C	C	C	C	C	C
28	11.00	10.40	9.20R	C	F	C	C	C
29	10.60	C	C	C	C	C	C	C
30	9.00R	9.12R	S	C	8.00R	8.50R	8.00R	6.60
31	9.40							
MEDIAN	10.76	11.30	10.41	9.30	8.65	9.00	8.56	7.70
S.D.MED	1.03	1.06	1.14	1.00	1.36	1.17	1.19	1.60
U QUART	10.08	10.07	9.40	9.00	7.97	8.70	8.25	7.07
L QUART	11.62	12.00	11.24	10.10	10.25	10.19	9.75	9.72
RANGE	1.54	2.01	1.84	1.10	2.20	1.19	1.59	2.65
BLANK	0	0	0	0	0	0	0	0
ES	.60	.14	0	0	0	0	0	0
SPRD F	0	0	0	.14	.67	.03	.03	.70

ATMOSPHERIC DATA
VERTICAL INCIDENCE
067.. 1965

**SITE. SONGOLA
LOCAL STANDARD TIME**

MEDIAN
 S.D. MED
 L QUARTY
 U QUARTY
 RANGE

CHARACTERISTICS: M F072

IONOSPHERIC DATA
VERTICAL INCIDENCE

OCT., 1966

SITE: SONOMA
LOCAL STANDARD TIME

DAY /MR	905	1005	1105	1205	1305	1405	1505
1	-	300	312	305	304	300	312
2	-	300	305	305	300	300	312
3	-	300	305	305	300	300	312
4	-	300	305	305	300	300	312
5	-	300	305	305	300	300	312
6	-	300	305	305	300	300	312
7	-	300	305	305	300	300	312
8	-	300	305	305	300	300	312
9	-	300	305	305	300	300	312
10	-	300	305	305	300	300	312
11	-	300	305	305	300	300	312
12	-	300	305	305	300	300	312
13	-	300	305	305	300	300	312
14	-	300	305	305	300	300	312
15	-	300	305	305	300	300	312
16	-	300	305	305	300	300	312
17	-	300	305	305	300	300	312
18	-	300	305	305	300	300	312
19	-	300	305	305	300	300	312
20	-	300	305	305	300	300	312
21	-	300	305	305	300	300	312
22	-	300	305	305	300	300	312
23	-	300	305	305	300	300	312
24	-	300	305	305	300	300	312
25	-	300	305	305	300	300	312
26	-	300	305	305	300	300	312
27	-	300	305	305	300	300	312
28	-	300	305	305	300	300	312
29	-	300	305	305	300	300	312
30	-	300	305	305	300	300	312
31	-	300	305	305	300	300	312
MEDIAN	300	305	322	305	322	307	300
S.D. MED	3.00	10.47	19.09	40.22	31.44	14.85	6.93
L QUART	300	300	312	310	305	300	300
U QUART	303	312	344	365	359	319	312
RANGE	3	12	32	55	45	19	12

CHARACTERISTIC. W F072

IONOSPHERIC DATA
VERTICAL INCIDENCE

OCT., 1966

SITE. SONAGULA
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
MEDIAN								
S.D. MED								
L QUART								
U QUART								
RANGE								

CHARACTERISTIC, FOR:

IONOSPHERIC DATA
VERTICAL DISTANCE
OCT., 1966

SITE, SONCKELA
LOCAL STANDARD TIME

DAY /hr	005	1005	1105	1205	1305	1405	1505
1	-	-	5.00	5.05	5.05	5.00	5.05
2	-	5.05	4.90	4.90	5.00	5.00	5.00
3	-	5.00	-	5.01	-	5.00	-
4	-	5.00	5.02	5.05	5.04	5.01	-
5	-	5.00	5.02	-	5.00	-	-
6	-	5.05	5.05	-	5.05	5.05	-
7	-	5.05	5.09	5.02	5.05	5.00	-
8	-	-	5.05	5.00	5.05	5.00	-
9	5.00	-	5.00	5.00	-	5.00	-
10	-	-	-	5.00	5.04	5.00	-
11	-	5.05	5.00	5.00	5.04	5.05	5.05
12	-	-	-	-	5.00	-	-
13	-	-	-	-	5.00	5.00	-
14	-	-	-	-	5.00	-	-
15	-	-	-	-	5.00	5.00	-
16	-	-	-	-	5.00	-	-
17	-	-	-	-	5.00	5.00	-
18	-	5.00	5.00	5.00	5.00	5.00	5.00
19	-	-	5.00	5.00	5.00	5.00	-
20	5.00	5.00	5.00	5.00	5.00	5.00	5.00
21	5.00	5.00	5.00	5.00	5.00	5.00	5.00
22	5.00	5.00	5.00	5.00	5.00	5.00	5.00
23	5.00	5.00	5.00	5.00	5.00	5.00	5.00
24	5.00	5.00	5.00	5.00	5.00	5.00	5.00
25	5.00	5.00	5.00	5.00	5.00	5.00	5.00
26	5.00	5.00	5.00	5.00	5.00	5.00	5.00
27	5.00	5.00	5.00	5.00	5.00	5.00	5.00
28	5.00	5.00	5.00	5.00	5.00	5.00	5.00
29	5.00	5.00	5.00	5.00	5.00	5.00	5.00
30	5.00	5.00	5.00	5.00	5.00	5.00	5.00
31	5.00	5.00	5.00	5.00	5.00	5.00	5.00
MEDIAN	5.00	5.00	5.01	5.00	5.00	5.00	5.02
S.D.	0	0	0	0	0	0	0
L. QUANT	0	0	0	0	0	0	0
U. QUANT	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0

CHARACTERISTIC. FOR

IONOSPHERIC DATA
VERTICAL INCIDENCE

OCT., 1966

SITE. SOMECHLA
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	-	10	-	-	F F F	F F F	F F F	F F F
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-
MEDIAN	0	0	0	0	0	0	0	0
S.D.	0	0	0	0	0	0	0	0
L QUANT	0	0	0	0	0	0	0	0
U QUANT	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

CHARACTERISTIC. W FOFI

IONOSPHERIC DATA
VERTICAL INCIDENCE

OCT., 1946

SITE: SONOZELA
LOCAL STANDARD TIME

DAY /HR	S	105	205	305	405	505	605	705
1	F	F	F	F	F	F	F	F
2	F	F	F	F	F	F	F	F
3	F	F	F	F	F	F	F	F
4	F	F	F	F	F	F	F	F
5	F	F	F	F	F	F	F	F
6	F	F	F	F	F	F	F	F
7	F	F	F	F	F	F	F	F
8	F	F	F	F	F	F	F	F
9	F	F	F	F	F	F	F	F
10	F	F	F	F	F	F	F	F
11	F	F	F	F	F	F	F	F
12	F	F	F	F	F	F	F	F
13	F	F	F	F	F	F	F	F
14	F	F	F	F	F	F	F	F
15	F	F	F	F	F	F	F	F
16	F	F	F	F	F	F	F	F
17	F	F	F	F	F	F	F	F
18	F	F	F	F	F	F	F	F
19	F	F	F	F	F	F	F	F
20	F	F	F	F	F	F	F	F
21	F	F	F	F	F	F	F	F
22	F	F	F	F	F	F	F	F
23	F	F	F	F	F	F	F	F
24	F	F	F	F	F	F	F	F
25	F	F	F	F	F	F	F	F
26	F	F	F	F	F	F	F	F
27	F	F	F	F	F	F	F	F
28	F	F	F	F	F	F	F	F
29	F	F	F	F	F	F	F	F
30	F	F	F	F	F	F	F	F
MEDIAN	0	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0	0
L. QUART	0	0	0	0	0	0	0	0
U. QUART	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

CHARACTERISTIC. H FOR

IONOSPHERIC DATA
VERTICAL INCIDENCE

OCT., 1944

SITE. SONOGULA
LOCAL STANDARD TIME

EAT /HR	045	085	1005	1105	1205	1305	1405	1545
1	-	-	-	200	200	200	215	200
2	-	-	210	205	204	210	210	210
3	-	-	205	195	190	180	210	210
4	-	-	210	195	200	-	C	-
5	-	-	-	-	-	-	-	-
6	-	-	-	170	-	155	-	-
7	-	-	230	210	210	210	215	210
8	-	-	-	210	205	194	225	210
9	-	-	C	220	205	210	225	210
10	-	250	-	-	205	215	225	210
11	-	-	220	221	-	-	-	-
12	-	225	220	200	215	220	210	220
13	-	-	220	200	-	210	-	224
14	-	-	-	-	-	-	-	-
15	-	-	-	-	200	224	224	-
16	-	-	-	C	-	216	-	-
17	-	-	-	-	-	-	-	-
18	-	-	205	191	-	210	C	-
19	-	-	C	C	C	C	C	-
20	-	-	C	C	C	C	C	-
21	-	-	C	C	C	C	C	-
22	-	-	C	C	C	C	C	-
23	-	-	C	C	C	C	C	-
24	-	-	C	C	C	C	C	-
25	-	-	C	C	C	C	C	-
26	-	-	-	220	210	210	225	-
27	-	-	-	C	210	210	225	-
28	-	-	-	200	186	210	212	-
29	-	-	200	200	200	187	210	-
30	-	-	210	200	205	182	-	-
31	-	-	-	185	200	215	-	-
MEDIAN	0	0	210	200	205	210	210	210
S.D. MED	0	0	9.22	12.92	6.62	17.75	6.83	..
L QUANT	0	0	205	197	200	210	210	..
U QUANT	0	0	220	215	210	215	225	..
RANGE	0	0	15	15	10	21	15	..

CHARACTERISTIC. W FOFI

IONOSPHERIC DATA
VERTICAL INCIDENCE

OCT., 1966

SITE. SONGKALA
LOCAL STANDARD TIME

DAY /HR 1605	1705	1805	1905	2005	2105	2205	2305
1	-	-	-	F	F	F	F
2	-	-	-	F	F	F	F
3	-	-	-	F	F	F	F
4	-	-	-	F	F	F	F
5	-	-	-	F	F	F	F
6	-	-	-	F	F	F	F
7	-	-	-	F	F	F	F
8	-	-	-	F	F	F	F
9	-	-	-	F	F	F	F
10	-	-	-	F	F	F	F
11	-	-	-	F	F	F	F
12	-	-	-	F	F	F	F
13	-	-	-	F	F	F	F
14	-	-	-	F	F	F	F
15	-	-	-	F	F	F	F
16	-	-	-	F	F	F	F
17	-	-	-	F	F	F	F
18	-	-	-	F	F	F	F
19	-	-	-	F	F	F	F
20	-	-	-	F	F	F	F
21	-	-	-	F	F	F	F
22	-	-	-	F	F	F	F
23	-	-	-	F	F	F	F
24	-	-	-	F	F	F	F
25	-	-	-	F	F	F	F
26	-	-	-	F	F	F	F
27	-	-	-	F	F	F	F
28	-	-	-	F	F	F	F
29	-	-	-	F	F	F	F
30	-	-	-	F	F	F	F
31	-	-	-	F	F	F	F
MEDIAN	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0
L QUART	0	0	0	0	0	0	0
U QUART	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0

CHARACTERISTIC. FUGS

IONOSPHERIC DATA
VERTICAL INCIDENCE

OCT., 1966

SITE. SONGELA
LOCAL STANDARD TIME

DAY /HR	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75
1	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
2	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
3	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
4	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
5	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
6	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
7	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
8	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
9	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
10	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
11	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
12	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
13	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
14	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
15	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
16	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
17	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
18	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
19	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
20	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
21	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
22	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
23	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
24	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
25	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
26	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
27	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
28	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
29	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
30	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
MEDIAN	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
S.D. MED	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
L QUART	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
U QUART	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
RANGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CHARACTERISTIC. FOES

IONOSPHERIC DATA
VERTICAL INCIDENCE
OCT., 1966

SITE. SONSFALA
LOCAL STANDARD TIME

DAY /HR	005	095	1005	1105	1205	1305	1405	1905
1	-	7.20L	10.00	12.00	15.00	11.40	8.00L	-
2	7.00L	7.00L	10.00	15.00	15.10	15.00	11.60	-
3	-	C	11.90	12.00	11.50	12.00	8.20	7.30
4	5.70L	7.65L	11.00	12.10	13.00	13.10	C	4.75L
5	-	-	15.60	15.00	15.40	17.10	5.00L	-
6	0.90	10.60	15.00	15.00	15.00	12.00	-	-
7	0.10	12.00	15.00	15.00	15.00	16.00	15.30	13.30
8	0.40	11.00	14.90	14.00	15.10	15.00	14.90	11.10
9	7.50L	11.60	C	16.00	16.00	15.00	7.60L	6.60L
10	-	9.00	15.00	16.00	15.70	15.00	15.50	11.00
11	0.00L	11.00	15.00	15.00	15.90	15.00	15.50	-
12	7.30L	10.00	15.60	17.60	16.00	15.10	4.50L	-
13	7.00L	10.70	12.00	15.60	15.40	15.50	-	-
14	11.10	11.00	15.10	15.10	15.60	15.00	0.10L	-
15	7.60L	11.20	12.00	16.00	15.20	15.00	11.20	-
16	9.10	11.60	15.00	C	16.00	-	13.10	-
17	11.20	0.40	15.90	15.40	15.30	15.00	12.00	11.00
18	-	11.60	15.40	15.00	15.40	15.00	C	C
19	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C
24	-	C	C	C	-	-	5.00L	-
25	-	C	C	C	C	C	C	5.20L
26	5.65L	12.40	7.50L	15.00	15.20	15.00	C	10.90
27	-	6.95L	11.00	C	11.20	9.00	C	12.00
28	-	6.25L	11.50	C	14.00	7.25L	7.25L	6.95
29	C	C	16.00	15.00	15.10	13.00	5.60L	6.45L
30	-	10.90	16.00	11.00	13.40	14.00	14.40	7.90
31	C	7.45L	11.00	15.50	14.00	15.00	14.00	11.00
MEDIAN	7.00	10.60	14.90	15.00	15.20	15.00	9.70	10.90
S.D. MED	1.62	2.06	2.94	1.77	1.27	2.10	3.04	3.20
U QUART	7.00	7.55	11.50	13.50	14.90	15.10	17.12	6.35
P QUART	5.90	11.10	15.40	15.60	15.66	15.10	14.20	11.00
POISE	1.90	3.55	4.10	2.50	.76	2.30	7.00	5.15

CHARACTERISTIC. F0ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

OCT., 1966

SITE. SONENOLA
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	-	C	-	-	F	F	F	F
2	-	-	-	-	F	F	F	F
3	-	-	-	-	F	F	F	F
4	-	-	-	-	F	F	F	F
5	-	-	-	-	F	F	F	F
6	5.96L	-	-	-	F	F	F	F
7	11.000	-	-	-	F	F	F	F
8	10.630	-	-	-	F	F	F	F
9	8.28L	-	-	-	F	F	F	F
10	7.60L	-	-	-	F	F	F	F
11	7.51L	-	-	-	F	F	F	F
12	7.85L	6.80L	-	-	F	F	F	F
13	-	-	-	-	F	F	F	F
14	-	-	-	-	F	F	F	F
15	-	-	-	-	F	F	F	F
16	-	-	-	-	F	F	F	F
17	9.50L	-	-	-	F	F	F	F
18	C	-	-	-	F	F	F	F
19	C	-	-	-	F	F	F	F
20	C	-	-	-	F	F	F	F
21	C	-	-	-	F	F	F	F
22	C	-	-	-	F	F	F	F
23	-	-	-	-	F	F	F	F
24	5.95L	11.200	-	-	F	F	F	F
25	C	4.90L	-	-	F	F	F	F
26	9.10L	-	-	-	F	F	F	F
27	7.00L	-	-	-	F	F	F	F
28	10.100	S	-	-	F	F	F	F
29	9.000	C	-	-	F	F	F	F
30	5.97L	-	-	-	F	F	F	F
31	10.500	-	-	-	F	F	F	F
MEDIAN	7.60	6.80	0	0	0	0	0	0
S.D.MED	1.89	2.77	0	0	0	0	0	0
L QUART	5.97	4.30	0	0	0	0	0	0
U QUART	10.10	11.20	0	0	0	0	0	0
RANGE	4.13	6.50	0	0	0	0	0	0

CHARACTERISTIC. H ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

OCT., 1966

SITE. SONGBELA
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705	
1	F F F F F X - F F - F F F - F C C C C C F X F - F C F	F F F F F C F - F - F C F F F F C C C C C F - F C F	F F F F F H - F F - F C F F F F C C C C C F - F C F	F - F C - F - F - F C F - F F C C C C C C C C C F - F C F	F C F C F - F C - F C F C F C F C F C C C C C C C C C F - F C F	F C F C F - F C - F C F C F C F C F C C C C C C C C C F - F C F	F C F C F - F C - F C F C F C F C F C C C C C C C C C F - F C F	F C F C F - F C - F C F C F C F C F C C C C C C C C C F - F C F	F C F C F - F C - F C F C F C F C F C C C C C C C C C F - F C F
2									
3									
4									
5									
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19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
MEDIAN	0	0	0	0	0	0	0	0	
S.D. MED	0	0	0	0	0	0	0	0	
L QUART	0	0	0	0	0	0	0	0	
U QUART	0	0	0	0	0	0	0	0	
RANGE	0	0	0	0	0	0	0	0	

CHARACTERISTIC. H ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

OCT., 1946

SITE. SONOCHUA
LOCAL STANDARD TIME

DAY /HR	005	095	1005	1105	1205	1305	1405	1505
1	-	105	110	105	105	105	104	-
2	124	108	110	105	105	101	100	-
3	-	112	105	105	102	101	100	105
4	110	-	105	105	102	100	111	126
5	-	107	110	101	105	100	-	-
6	110	112	110	110	107	110	125	115
7	120	112	110	110	107	110	115	114
8	105	115	115	115	111	115	120	120
9	110	115	115	105	103	104	105	110
10	-	109	102	101	100	104	100	-
11	105	100	106	101	105	105	121	-
12	105	100	110	101	105	105	100	-
13	110	108	104	101	104	105	110	-
14	104	108	102	105	105	109	115	-
15	115	115	110	105	110	110	115	-
16	112	105	102	105	104	-	110	-
17	105	105	105	116	104	110	115	-
18	-	125	108	105	101	101	115	112
19	-	105	100	105	101	101	105	105
20	105	105	105	105	105	105	105	105
21	105	105	105	105	105	105	105	105
22	105	105	105	105	105	105	105	105
23	105	105	105	105	105	105	105	105
24	105	105	105	105	105	105	105	105
25	105	105	105	105	105	105	105	105
26	105	105	105	105	105	105	105	105
27	105	105	105	105	105	105	105	105
28	105	105	105	105	105	105	105	105
29	105	105	105	105	105	105	105	105
30	105	105	105	105	105	105	105	105
31	105	105	105	105	105	105	105	105
MEDIAN	110	110	106	105	105	108	110	112
S.D. MED	6.27	5.17	4.27	5.62	4.01	4.77	6.07	6.48
L QUART	105	107	104	105	105	104	106	105
U QUART	115	112	110	106	110	110	115	119
RANGE	10	5	6	1	7	6	9	14

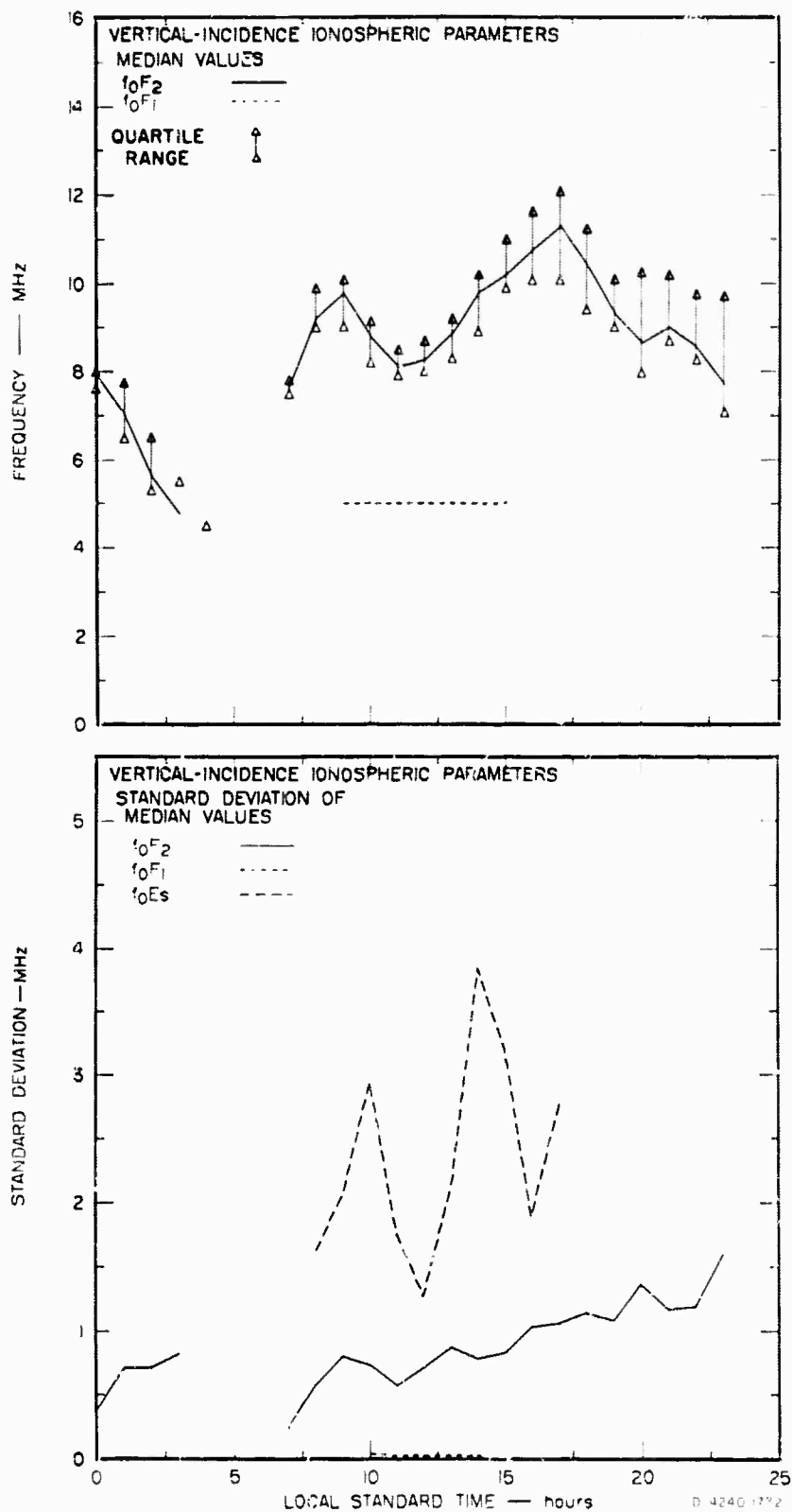
CHARACTERISTIC. M ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

OCT., 1966

SITE: SONOCHA
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	-	C	-	-	F	F	F	F
2	-	C	-	-	F	F	F	F
3	-	-	-	-	F	F	F	F
4	-	-	-	-	F	F	F	F
5	-	-	-	-	F	F	F	F
6	119	-	-	-	F	F	F	F
7	122	-	-	-	F	F	F	F
8	115	-	-	-	F	F	F	F
9	110	-	-	-	F	F	F	F
10	110	-	-	-	F	F	F	F
11	110	-	-	-	F	F	F	F
12	120	125	-	-	F	F	F	F
13	-	-	-	-	F	F	F	F
14	-	-	-	-	F	F	F	F
15	-	-	-	-	F	F	F	F
16	-	-	-	-	F	F	F	F
17	120	-	-	-	F	F	F	F
18	C	-	-	-	F	F	F	F
19	C	-	-	-	F	F	F	F
20	C	-	-	-	F	F	F	F
21	C	-	-	-	F	F	F	F
22	C	-	-	-	F	F	F	F
23	-	-	-	-	F	F	F	F
24	108	-	-	-	F	F	F	F
25	C	104	-	-	F	F	F	F
26	112	115	-	-	F	F	F	F
27	122	-	-	-	F	F	F	F
28	110	-	-	-	F	F	F	F
29	118	-	-	-	F	F	F	F
30	110	-	-	-	F	F	F	F
31	110	-	-	-	F	F	F	F
MEDIAN	115	115	0	0	0	0	0	0
S.D. MED	4.76	0.58	0	0	0	0	0	0
L QUART	110	104	0	0	0	0	0	0
U QUART	120	125	0	0	0	0	0	0
RANGE	10	21	0	0	0	0	0	0



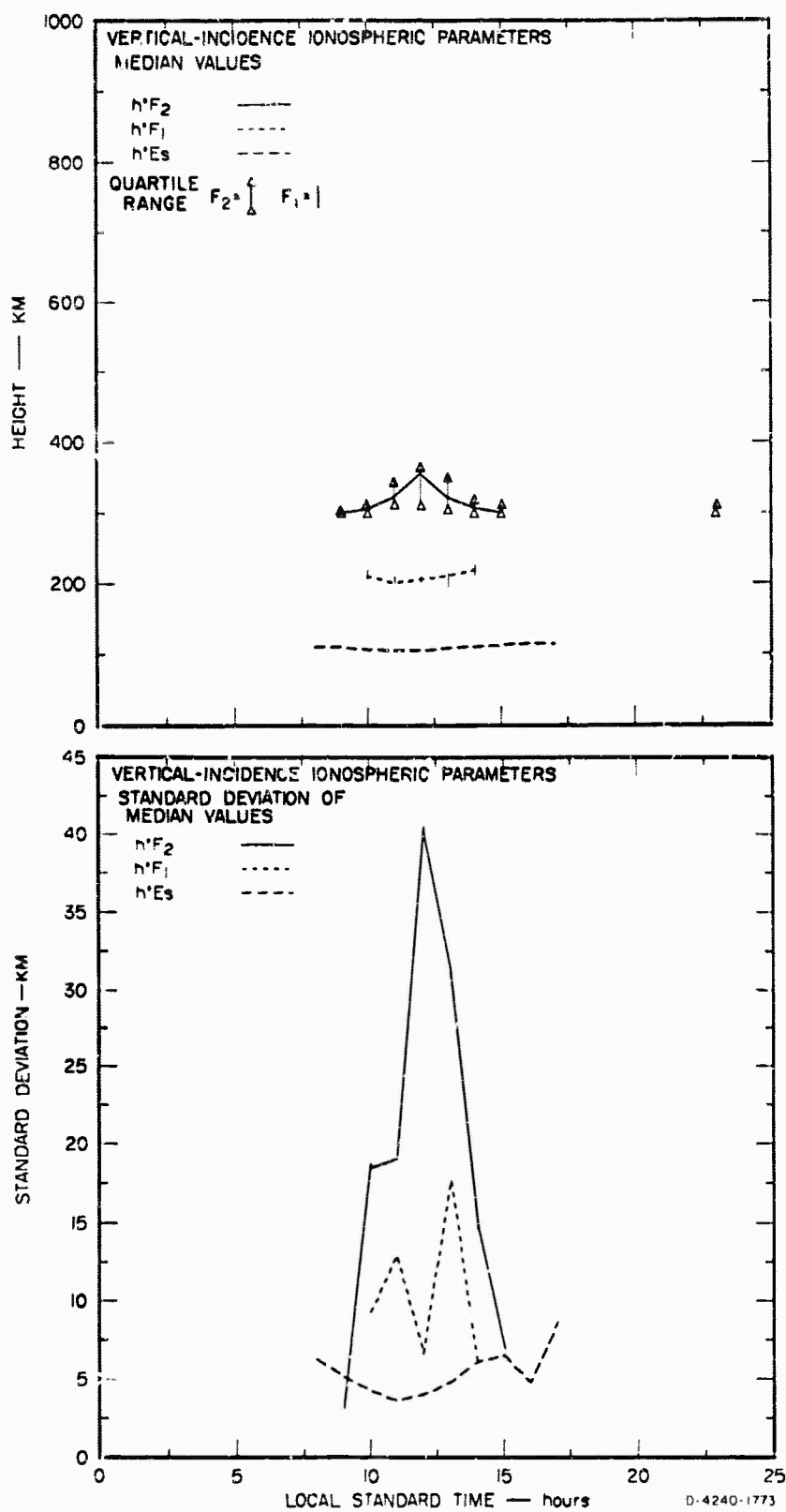


FIG. 39 VIRTUAL HEIGHT SUMMARY, SONGKHLA, OCTOBER, 1966

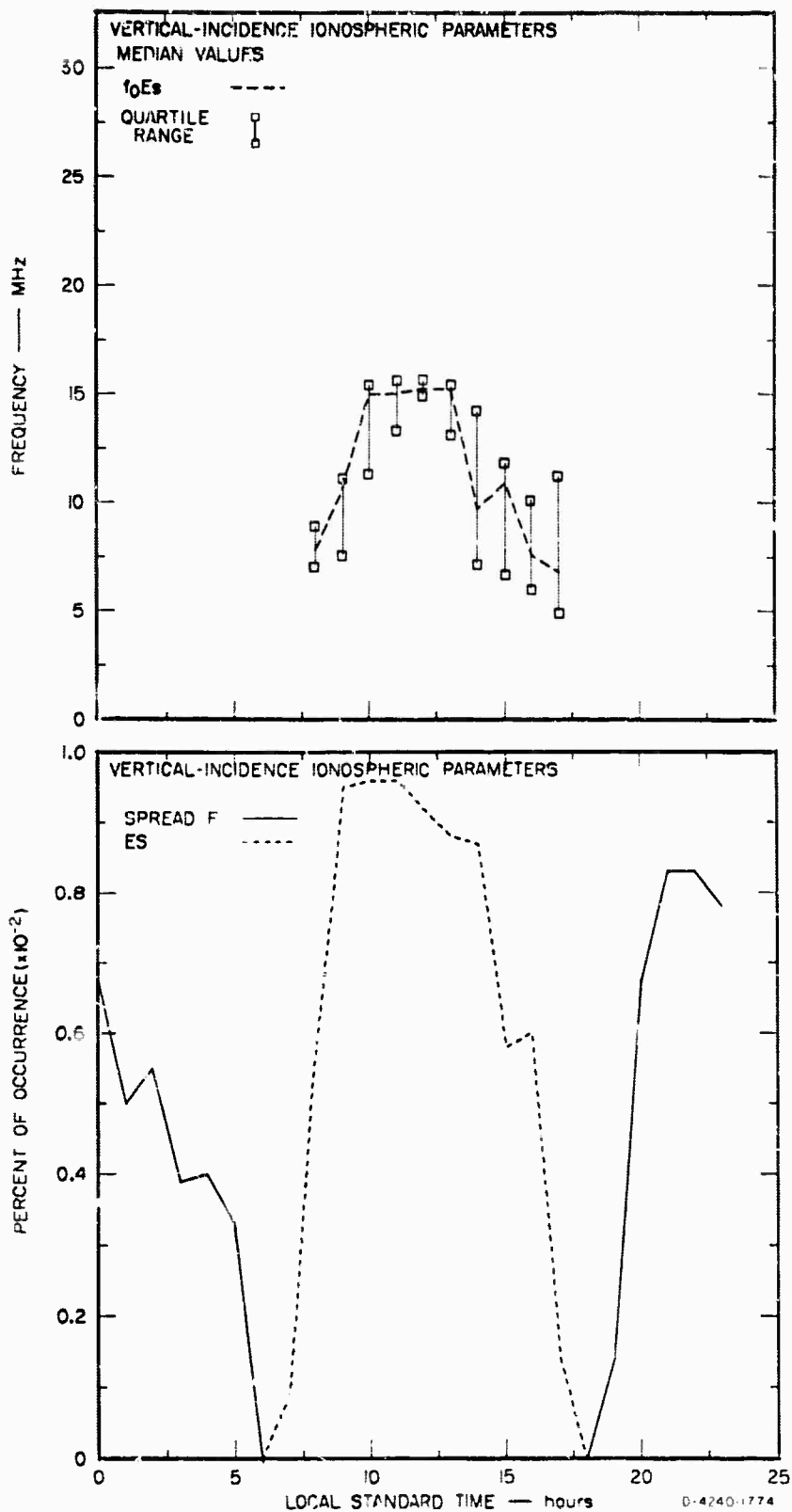


FIG. 40 SPORADIC E AND SPREAD F SUMMARY, SONGKHLA, OCTOBER, 1966

CHARACTERISTIC. 5072

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV., 1966

SIT., SONCHULA
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	6.50	6.45	6.10	5.35	5.10	C	5.50	7.10R
2	6.10	6.70	7.00R	5.35	5.20	5.10	C	7.05
3	6.35	6.05R	5.70	5.35	4.50	C	C	7.05
4	C	N	6.50R	5.40	C	C	C	7.60R
5	7.20	6.40	5.65	C	5.05	5.00	5.50	7.10
6	6.70	6.30	6.50	5.00	5.05	4.50	5.50	7.70
7	6.40	6.00	5.75	5.20	5.00	4.50	5.50	8.20
8	6.54	5.00	5.10	5.10	4.00	6.20R	5.20	7.70
9	6.40	6.60	6.70	6.40R	6.25R	6.20	5.20	9.10
10	6.20	6.10	6.10R	5.00	4.50	C	C	7.05
11	C	C	C	C	4.90	C	C	C
12	11.20	6.50R	6.10R	5.50	4.90	C	C	7.70
13	5.50	5.30	5.20	5.20	5.00R	5.25	C	7.60
14	C	C	C	C	C	C	C	C
15	5.50	4.40	C	C	C	C	C	7.50R
16	6.55R	5.60	5.40	4.75	C	C	C	7.55
17	6.50	5.00	5.30	5.30R	C	C	C	7.40
18	5.40	5.00	C	C	C	C	C	C
19	8.20R	7.50R	7.05	6.00R	7.05R	C	C	7.55
20	6.10	5.15	5.12	5.40	5.60R	5.30	5.60	9.00R
21	7.65R	6.00R	5.55	5.00	6.00R	5.70R	5.50R	2.70R
22	5.00	5.10	6.05	5.02	6.00R	C	C	7.30R
23	C	6.50	6.50	6.50R	5.40	C	C	7.00
24	7.00R	C	C	C	C	C	C	C
25	4.50	6.60R	C	C	C	C	C	7.00
26	C	C	C	C	C	C	C	6.60
27	5.65	5.50	7.40R	4.50R	5.10R	5.90R	C	7.05R
28	C	C	5.20	C	C	4.00	C	7.55
29	5.00	6.40	5.60	5.50	5.60	C	C	6.90R
30	5.50	C	5.60	C	C	C	C	7.10R
MEDIAN	6.40	6.05	5.70	5.35	5.05	4.50	...	7.55
S.D. MED	1.26	.69	.72	.21	.73	.05	...	.46
U. QUANT	5.62	5.22	5.25	5.06	5.64	5.27	...	7.10
L. QUANT	6.62	6.32	6.40	5.80	5.64	5.26	4.06	.60
RANGE	1.00	1.30	1.15	1.00	3.37	8.00	19.00	.60
ST. ANK	1.00	3.00	2.00	1.00	5.00	8.00	19.00	.04
ES	0	0	0	0	0	0	0	.04
SPRD F	.04	.04	0	0	.05	.10	.13	.04

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV.. 1966

SITE. SONOMA
LOCAL STANDARD TIME

DAY /HR	005	095	1005	1105	1205	1305	1405	1505
1	9.20R	9.00	9.00	8.00	9.70R	9.06	9.30	10.00R
2	9.00	10.20	11.00R	11.20	11.20	9.00	9.40R	9.70
3	9.00	10.00R	9.00	9.00	8.00	9.00	9.00	9.00
4	9.40R	10.00R	9.00R	9.20R	8.00	8.20	9.00	9.00
5	9.00	9.00R	9.00	9.12	8.00	8.00	9.00	10.10
6	9.30R	10.10	11.00	9.00	8.00	8.00	9.00	9.00
7	9.50R	10.20	10.00R	9.00	9.00	9.06	9.00R	9.00
8	9.10	10.10	10.10	9.20R	9.20	9.30	9.40	9.00
9	9.00	10.10	10.10	10.10	9.00R	9.00	9.00	9.00
10	9.20	9.00	9.00	9.00	9.00	9.00	9.00	9.00
11	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
12	9.10R	9.00R	9.00	9.00	9.00	9.00	9.00	9.00
13	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
14	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
15	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
16	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
17	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
18	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
19	10.00R	10.00R	9.00	9.00	9.00	9.00	9.00	9.00
20	10.00	10.00	9.00	9.00	9.00	9.00	9.00	9.00
21	10.00	10.00	9.00	9.00	9.00	9.00	9.00	9.00
22	10.00	10.00	9.00	9.00	9.00	9.00	9.00	9.00
23	10.00	10.00	9.00	9.00	9.00	9.00	9.00	9.00
24	10.00	10.00	9.00	9.00	9.00	9.00	9.00	9.00
25	10.00	10.00	9.00	9.00	9.00	9.00	9.00	9.00
26	10.00	10.00	9.00	9.00	9.00	9.00	9.00	9.00
27	10.00	10.00	9.00	9.00	9.00	9.00	9.00	9.00
28	10.00	10.00	9.00	9.00	9.00	9.00	9.00	9.00
29	10.00	10.00	9.00	9.00	9.00	9.00	9.00	9.00
30	10.00	10.00	9.00	9.00	9.00	9.00	9.00	9.00
MEDIAN	9.00	9.10	9.00	8.00	9.00	9.00	9.00	9.00
S.D. MED	.54	.97	1.04	.79	.72	.57	.46	.60
L QUANT	8.50	8.30	8.00	8.00	8.10	8.25	8.50	8.00
U QUANT	9.50	10.00	9.00	9.12	9.05	9.11	9.75	9.00
RANGE	.00	1.70	1.00	1.12	.07	.06	1.25	1.00
BLANK	0	0	0	0	0	0	0	0
ES	.51	.96	1.00	1.00	1.00	1.00	.06	.00
SPRD F	.04	0	0	0	0	0	0	0

CHARACTERISTIC. FOF2

IONOSPHERIC DATA VERTICAL INCIDENT

NOV. 1 1966

**SITE. SOURCE. A
LOCAL STANDARD TIME**

[illegible]

CHARACTERISTIC. H F0F2

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV., 1966

SITE. SONOGBLA
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
MEDIAN								
S.D. MED								
L. QUART								
U. QUART								
RANGE								

CHARACTERISTIC. M FOR2

IONOSPHERIC DATA
VERTICAL INCIDENCE
NOV., 1966

SITE. SONOMA
LOCAL STANDARD TIME

PAY /HR	005	005	1005	1105	1205	1305	1405	1505
1	-	-	-	310	300	-	-	-
2	-	-	300	315	310	300	-	300
3	-	-	-	304	320	320	-	310
4	-	-	300	315	310	305	300	320
5	-	-	-	315	320	305	305	305
6	-	-	300	310	315	310	305	305
7	-	-	300	300	315	305	305	305
8	-	-	300	315	312	306	305	305
9	-	-	-	310	310	316	310	316
10	-	-	-	300	306	306	310	306
11	-	-	300	305	306	295	310	305
12	-	-	-	310	310	316	310	316
13	-	-	300	305	306	305	305	305
14	-	-	300	310	320	306	316	306
15	-	-	300	310	320	305	316	305
16	-	-	300	311	320	306	316	306
17	-	-	300	311	320	306	316	306
18	-	-	300	311	320	306	316	306
19	-	-	300	311	320	306	316	306
20	-	-	300	311	320	306	316	306
21	-	-	300	311	320	306	316	306
22	-	-	300	311	320	306	316	306
23	-	-	300	311	320	306	316	306
24	-	-	300	311	320	306	316	306
25	-	-	300	311	320	306	316	306
26	-	-	300	311	320	306	316	306
27	-	-	300	311	320	306	316	306
28	-	-	300	311	320	306	316	306
29	-	-	300	311	320	306	316	306
30	-	-	300	311	320	306	316	306
MEDIAN	0	0	310	311	312	306	305	306
S.D.	0	0	7.26	6.17	6.17	7.05	8.42	7.05
L QUART	0	0	300	310	310	305	305	305
U QUART	0	0	310	315	315	310	310	310
RANGE	0	0	10	5	11	5	11	5

CHARACTERISTIC. M F0F2

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV., 1966

SITE. SONOKOMA
LOCAL STANDARD TIME

DAY /HR 1605	1705	1805	1905	2005	2105	2205	2305
1	-	-	F	F	F	F	- N -
2	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-
MEDIAN	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0
U. QUART	0	0	0	0	0	0	0
L. QUART	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0

CHARACTERISTIC. FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV., 1966

SITE. SOGOMELA
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---
MEDIAN	0	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0	0
L. QUART	0	0	0	0	0	0	0	0
U. QUART	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

CHARACTERISTIC. FOR1

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV., 1966

SITE. SONGKILA
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	-	-	4.95	5.00	5.05	-	-	-
2	-	-	5.05	5.05	5.10	5.05	5.00	5.00
3	-	-	5.05	5.00	5.10	4.90	-	-
4	-	-	5.05	5.05	5.05	5.02	4.95	-
5	-	-	5.00	5.05	5.05	5.01	5.01	-
6	-	4.95	5.01	5.05	5.05	5.01	5.05	-
7	-	-	5.05	5.05	5.05	5.05	5.05	-
8	-	-	5.05	5.05	5.05	5.05	5.05	-
9	-	-	5.05	5.05	5.05	5.05	5.05	-
10	-	-	5.05	5.05	5.05	5.05	5.05	-
11	-	-	5.05	5.05	5.05	5.05	5.05	-
12	-	5.05	5.00	5.05	5.05	5.01	-	-
13	-	-	5.00	5.00	5.05	5.00	-	-
14	-	5.00	5.00	5.00	5.00	5.01	5.00	-
15	-	-	5.00	5.00	5.00	5.01	-	-
16	-	-	5.00	5.00	5.00	5.01	-	-
17	-	-	5.00	5.00	5.00	5.01	5.01	-
18	-	5.00	5.00	5.00	5.00	5.01	-	-
19	-	-	5.00	5.00	5.00	5.01	-	-
20	-	-	5.04	5.00	5.01	5.05	5.05	-
21	-	-	5.05	5.00	5.01	5.04	-	-
22	-	-	5.05	5.00	5.05	5.04	-	-
23	-	5.05	5.00	5.02	5.05	5.05	5.00	-
24	-	5.00	5.10	5.07	5.02	5.05	5.05	5.00
25	-	4.90	5.00	5.05	5.02	5.02	5.05	5.00
26	-	-	-	5.00	5.05	5.00	5.00	-
27	-	5.01	-	5.00	5.01	5.00	5.00	-
28	-	-	5.00	5.00	5.05	5.00	-	-
29	-	-	5.00	5.00	5.10	5.01	-	5.00
30	-	-	5.05	5.01	5.10	5.01	-	-
MEDIAN	0	5.00	5.00	5.00	5.05	5.01	5.00	5.00
S.D. MED	0	5.04	5.04	5.03	5.05	5.03	5.03	5.00
L. QUART	0	4.90	5.00	5.00	5.05	5.00	5.00	5.00
U. QUART	0	5.01	5.05	5.05	5.05	5.04	5.01	5.00
RANGE	0	.05	.05	.05	.05	.04	.01	0

CHARACTERISTIC. FOF1

IONOSPHERIC DATA
-VIRTUAL INCIDENCE
NOV.. 1966

SITE: JONCKHA
LOCAL STANDARD TIME

DAY /HR 1605	1705	1805	1905	2005	2105	2205	2305
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
MEDIAN							
S.D. MED							
L. QUART							
U. QUART							
RANGE							

CHARACTERISTIC. H F01

10% SPHERIC DATA
VERTICAL IMPEDANCE

NOV.. : 1966

SITE. SONCEZALA
LOCAL STANDARD TIME

DAY /HR	S	105	205	305	405	505	605	705
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
MEDIAN								
S.D. MED								
L QUANT								
U QUANT								
RANGE								

CHARACTERISTIC. H FOFI

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV., 1966

SITE. SONGKHA
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	-	-	-	220	210	205	-	-
2	-	-	220	212	220	205	-	-
3	-	-	225	221	200	220	-	-
4	-	-	220	214	210	205	-	-
5	-	-	-	C	225	210	-	-
6	-	-	210	210	200	205	-	-
7	-	-	230	220	205	205	-	-
8	-	-	-	215	210	202	-	-
9	-	-	-	C	210	C	-	-
10	-	-	220	-	-	-	-	-
11	-	240	210	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	230	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	217	-	-	-	-	-
19	-	-	-	-	200	-	-	-
20	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-
24	-	-	224	220	210	210	-	-
25	-	-	-	210	205	200	-	-
26	-	-	-	-	215	216	-	-
27	-	-	-	C	-	214	-	-
28	-	-	-	210	-	220	-	-
29	-	-	220	225	215	-	-	-
30	-	-	-	-	-	-	-	-
MEDIAN	0	0	220	215	210	205	220	0
S.D. MED	0	0	5.04	6.32	7.10	7.66	7.87	0
L. QUART	0	0	210	210	200	201	215	0
U. QUART	0	0	224	221	215	215	224	0
RANGE	0	0	6	11	15	14	9	0

CHARACTERISTIC. N FOR

IONOSPHERIC DATA
VERTICAL INCIDENCE
NOV., 1966

SITE: CONCELIA
LOCAL STANDARD TIME

DAY /HR 1605	1705	1805	1905	2105	2145	2205
1	-	-	F	F	F	-
2	-	-	-	-	-	-
3	-	-	-	-	-	-
4	C	-	-	-	-	-
5	-	-	-	-	-	-
6	-	-	-	-	-	-
7	-	-	-	-	-	-
8	-	-	-	-	-	-
9	-	-	-	-	-	-
10	C	-	C	-	-	-
11	-	-	-	-	-	-
12	-	-	-	-	-	-
13	-	-	-	-	-	-
14	-	-	-	-	-	-
15	-	-	-	-	-	-
16	-	-	-	-	-	-
17	-	-	-	-	-	-
18	-	-	-	-	-	-
19	-	-	-	-	-	-
20	-	-	-	-	-	-
21	-	-	-	-	-	-
22	-	-	-	-	-	-
23	-	-	-	-	-	-
24	-	-	-	-	-	-
25	-	-	-	-	-	-
26	-	-	-	-	-	-
27	-	-	-	-	-	-
28	-	-	-	-	-	-
29	-	-	-	-	-	-
30	-	-	-	-	-	-
MEDIAN	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0
L. QUART	0	0	0	0	0	0
U. QUART	0	0	0	0	0	0
RANGE	0	0	0	0	0	0

CHARACTERISTIC. F0E3

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV., 1966

SITE. SONKEKALA
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
MEDIAN								
S.D. MED								
L QUART								
U QUART								
RANGE								

CHARACTERISTIC. FOCES

ISOTHERMIC DATA
VERTICAL INCIDENCE

NOV., 1944

SITE. SONOMA
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	-	6.45L	14.000	11.900	15.100	15.400	11.900	15.000
2	-	-	11.000	15.000	14.000	12.000	10.000	11.000
3	-	7.00L	11.100	15.100	15.200	12.000	15.600	7.50L
4	5.60L	7.00L	11.200	14.200	14.200	15.400	11.100	11.100
5	-	7.15L	11.400	14.200	15.000	11.500	9.200	-
6	-	7.00L	14.100	15.000	15.000	12.200	16.000	10.200
7	-	9.000	18.000	9.000	11.200	9.000	11.000	7.10L
8	-	C	7.50L	11.200	15.600	11.000	11.100	10.100
9	-	6.50L	10.600	9.400	15.000	15.200	15.000	12.000
10	6.90L	C	C	C	C	C	C	C
11	C	C	14.600	12.900	14.200	11.000	C	9.000
12	-	6.00L	15.100	14.400	12.000	12.000	9.000	9.000
13	-	11.100	15.000	15.200	15.200	15.000	12.600	7.45L
14	-	8.000	15.200	15.200	15.000	11.400	11.000	7.50L
15	-	7.00L	6.50L	11.000	11.200	11.000	6.00L	C
16	-	9.00L	14.100	16.000	15.200	14.000	9.500	5.65L
17	-	11.100	14.400	14.000	11.200	12.000	11.200	C
18	-	7.00L	11.100	15.000	14.400	15.400	10.100	7.50L
19	5.94L	10.000	14.000	14.000	15.000	15.200	15.000	16.00L
20	-	7.50L	11.700	15.000	10.900	10.000	11.100	6.00L
21	-	11.000	14.100	14.100	14.200	14.200	11.500	7.05L
22	-	10.400	11.100	14.000	14.100	10.200	10.000	C
23	5.00L	11.000	10.200	15.000	14.100	15.100	11.000	9.100
24	C	8.000	11.000	14.000	15.200	16.000	10.100	-
25	-	7.50L	9.200	15.000	15.000	15.400	10.600	11.000
26	-	8.000	9.000	10.000	11.000	13.000	12.000	10.400
27	-	8.400	9.000	10.000	14.200	15.100	15.000	9.100
28	7.05L	11.100	14.000	12.100	11.200	5.60L	-	-
29	5.00L	9.200	11.100	14.000	14.000	15.100	12.000	10.400
30	7.10L	10.200	9.100	14.000	15.000	15.000	11.000	9.000
MEDIAN	6.42	8.70	11.10	14.10	14.20	15.10	11.10	9.00
S.D. MED	.61	1.61	2.20	1.00	1.70	2.32	2.10	2.53
L QUART	5.00	7.15	9.74	11.90	12.00	11.20	10.10	7.50
U QUART	6.97	10.20	14.00	15.00	15.15	15.00	12.00	11.00
RANGE	1.17	3.05	4.26	3.10	3.15	3.90	1.90	3.50

CHARACTERISTIC. F003

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV., 1966

SITE. SONCECLA
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	16.000	16.000	7.70F	F	F	F	F	-
2	10.250	9.60L	-	F	F	6.90F	-	N
3	11.000	7.00L	-	8.90L	-	4.90F	-	-
4	-	-	-	-	-	-	-	-
5	7.00L	-	-	-	-	F	-	-
6	7.00L	-	-	-	-	F	-	-
7	5.70L	-	-	-	-	-	-	-
8	9.400	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	10.000	7.00L	-	-	-	-	-	8.20
11	7.05L	-	-	-	-	-	-	-
12	7.00L	6.60L	-	-	-	-	-	-
13	8.00L	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	6.00L	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	12.000	-	-	-	-	-	-	-
19	7.90L	8.00L	9.00F	7.00F	-	-	-	-
20	7.70L	7.60L	-	-	-	-	-	-
21	7.50L	-	-	-	-	-	-	-
22	13.000	14.600	6.00F	-	-	7.15F	-	-
23	-	-	-	-	-	-	-	-
24	7.70L	-	-	-	-	-	-	-
25	6.50L	-	-	-	-	-	-	-
26	6.70L	5.55L	6.00F	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	6.60L	-	-	-	-	-	-	-
29	12.400	-	-	-	-	-	-	-
30	6.00F	-	-	-	-	-	-	-
MEDIAN	7.70	7.00	6.94	..	..	6.90	..	..
S.D. MED	2.80	4.04	6.09	..	..	1.16	..	..
L QUART	6.70	6.10	6.35	..	..	4.90	..	..
U QUART	10.20	11.70	7.34	..	..	7.95	..	..
RANGE	3.50	5.60	.99	..	..	2.15	..	..

CHARACTERISTIC. H ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV., 1946

SITE. SONAGALA
LOCAL STANDARD TIME

DAY /HR	5	105	215	305	405	505	605	705
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
MEDIAN								
S.D. MED								
L QUART								
U QUART								
RANGE								

CHARACTERISTIC. MES

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV., 1956

SITE. SONOMA
LOCAL STANDARD TIME

DAY /HR	005	065	1205	1505	1850
1	-	120	105	105	120
2	-	110	110	110	115
3	-	125	115	110	115
4	125	105	115	105	105
5	-	110	110	105	-
6	-	110	110	110	110
7	-	110	110	110	115
8	-	110	115	115	115
9	-	115	105	105	110
10	115	C	C	C	C
11	C	C	105	110	110
12	-	115	110	110	105
13	C	110	100	105	105
14	C	105	104	105	122
15	-	105	106	110	106
16	-	110	102	104	C
17	-	110	105	110	115
18	-	115	100	105	C
19	-	108	102	105	110
20	120	106	110	104	105
21	-	105	107	105	111
22	-	105	109	105	107
23	115	110	101	105	C
24	100	110	110	105	100
25	-	110	105	105	-
26	-	110	105	105	110
27	-	111	105	104	105
28	110	105	105	110	-
29	110	105	105	105	110
30	110	105	109	110	102
MEDIAN	112	110	107	105	110
S.D. MED	5.91	4.18	3.37	3.58	6.57
L. QUART	110	105	105	105	105
U. QUART	117	110	110	110	115
RANGE	7	5	5	5	10

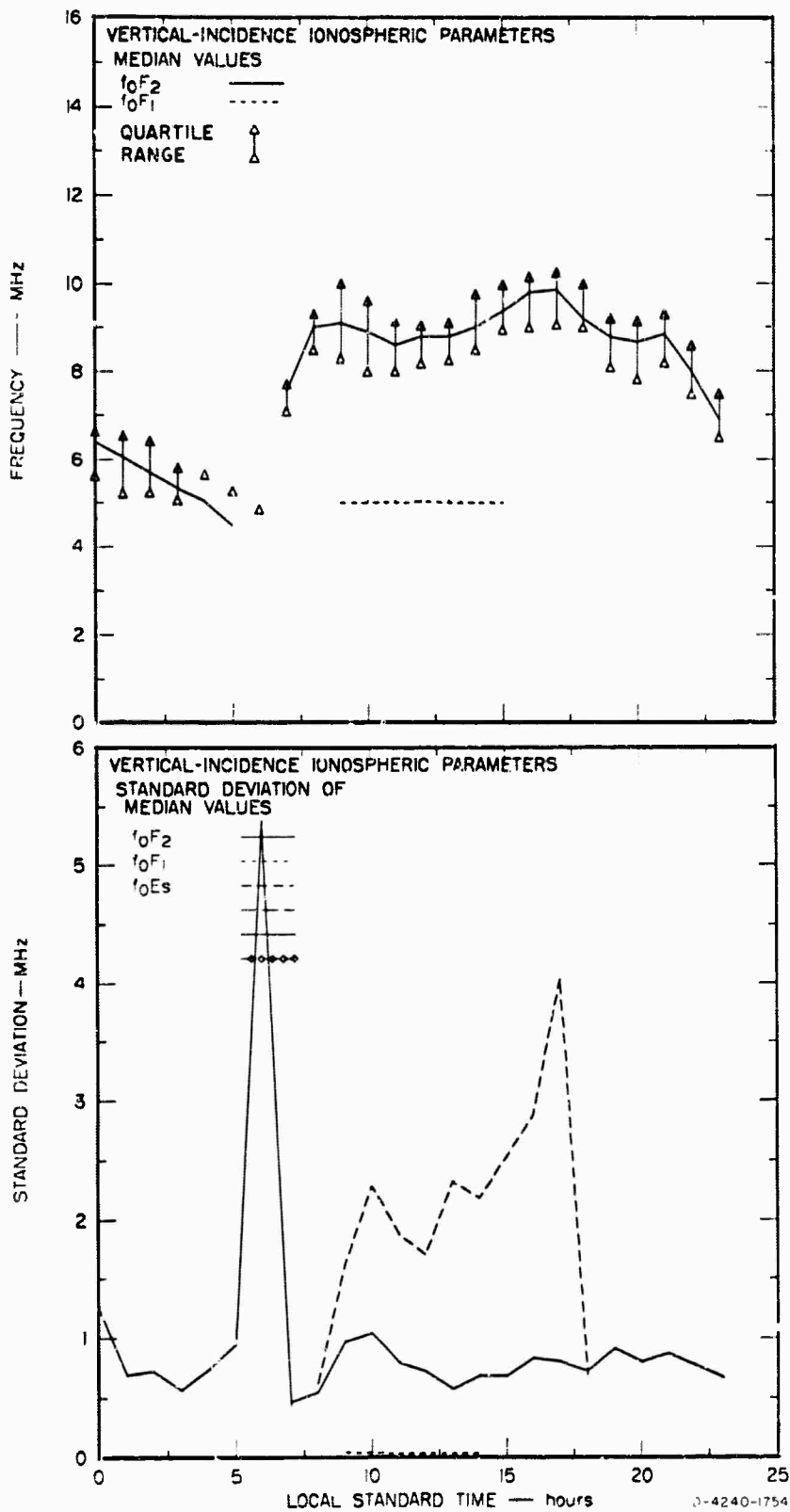
CHARACTERISTIC. H ES

LONGSPHERIC DATA
VERTICAL INCIDENCE

NOV., 1966

SITE. BONGCHLA
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	129	125	125	F	F	F	F	-
2	118	122	-	F	121	119	-	-
3	120	-	-	-	-	126	-	N
4	C	104	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	115	-	-	-	-	-	-	-
7	120	-	-	-	-	-	-	-
8	110	-	-	-	-	-	-	-
9	110	-	-	-	-	-	-	-
10	C	C	C	C	C	C	C	C
11	106	110	-	-	-	-	-	115
12	110	-	-	-	-	-	-	-
13	121	-	-	-	-	-	-	-
14	105	110	-	-	-	-	-	-
15	-	-	-	N	-	-	-	-
16	-	-	-	-	-	-	-	-
17	108	-	-	-	-	-	-	-
18	115	-	-	-	-	-	-	-
19	109	111	120	-	110	-	-	-
20	106	119	-	-	-	-	-	-
21	111	-	-	-	-	-	-	-
22	110	110	100	-	-	111	-	-
23	-	-	-	-	-	-	-	-
24	100	-	-	-	-	-	-	-
25	106	-	-	-	-	-	-	-
26	110	110	115	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	115	-	-	-	-	-	-	-
29	105	-	-	-	-	-	-	-
30	106	-	-	-	-	-	-	-
MEDIAN	110	110	117	..	..	115	0	..
S.O.MED	5.50	6.98	9.57	..	..	6.74	0	..
L. QUART	110	110	107	..	..	111	0	..
U. QUART	115	120	122	..	..	126	0	..
RANGE	9	10	15	..	..	15	0	..



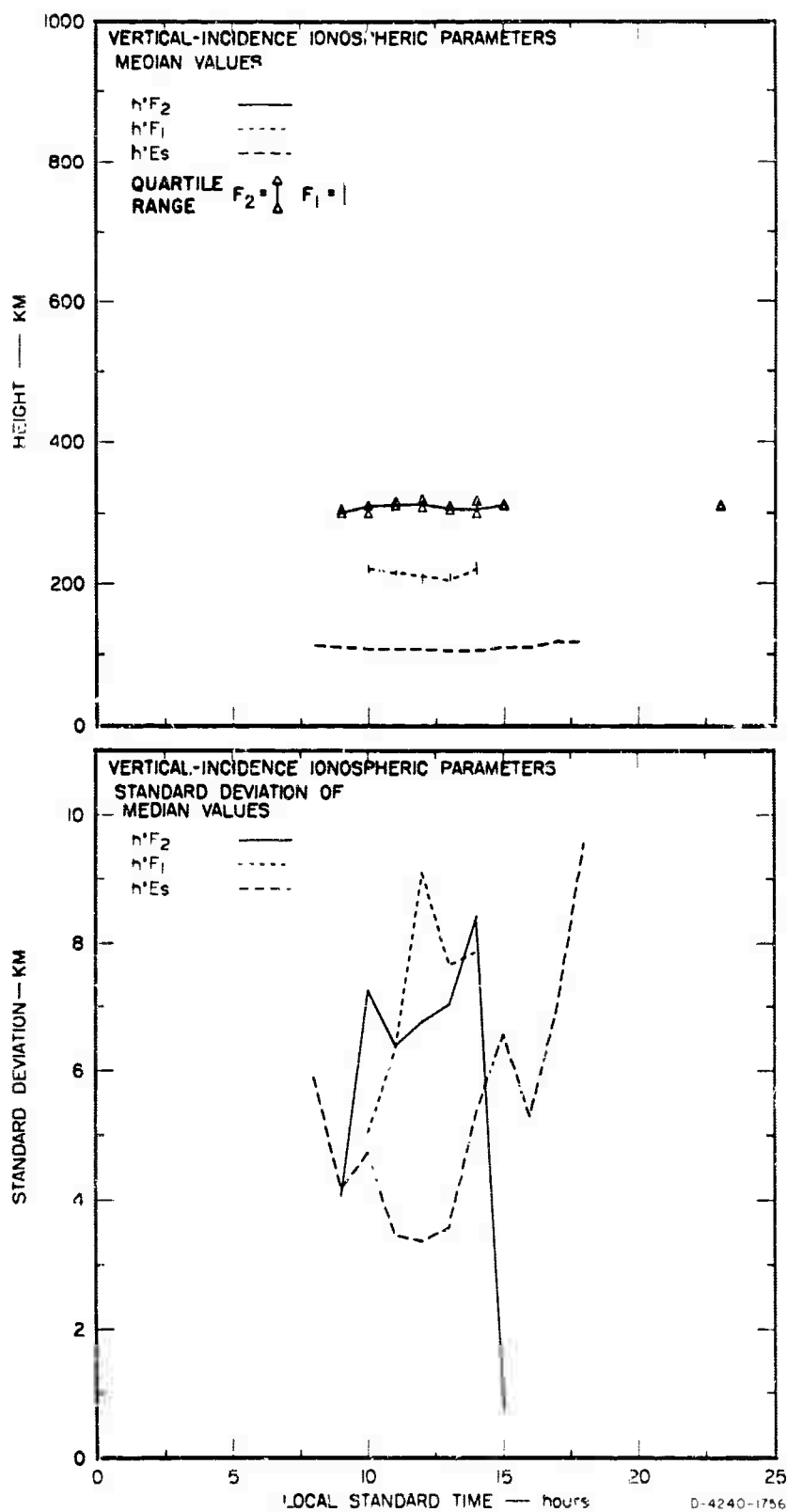


FIG. 42 VIRTUAL HEIGHT SUMMARY, SONGKHLA, NOVEMBER, 1966

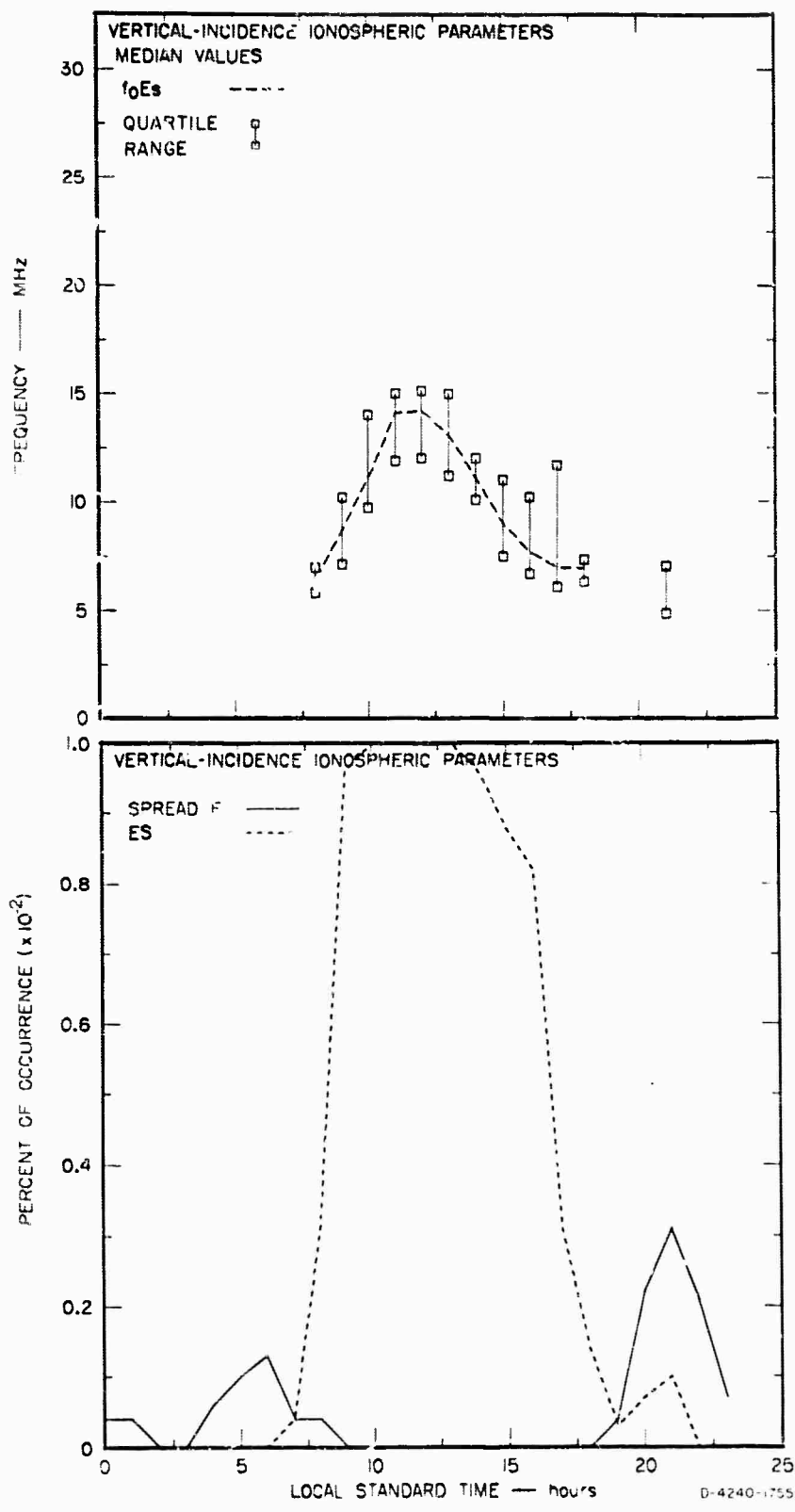


FIG. 43 SPORADIC E AND SPREAD F SUMMARY, SONGKHLA, NOVEMBER, 1966

CHARACTERISTIC. F0F2

IONOSPHERIC DATA
VERTICAL INCIDENCE

DEC. 1966

SITE. SONCENLA
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	5.50R	5.40R	C	C	C	C	C	C
2	6.547	5.24	4.50	C	C	C	C	6.50
3	4.50	C	C	C	C	C	C	6.71R
4	5.03	C	C	C	C	C	C	7.20R
5	5.59	4.70	C	C	C	C	C	C
6	C	C	C	C	C	C	C	5.96
7	6.22R	C	C	C	C	C	C	C
8	7.66	6.50R	3.40	4.96	C	C	C	N
9	5.69	C	4.50	4.51	C	C	C	C
10	C	C	C	5.52	N	C	C	N
11	5.50	5.55	5.50	C	C	C	C	6.97R
12	N	5.70	5.50	C	C	C	C	6.51R
13	N	C	5.05	C	C	C	C	6.10R
14	C	C	C	C	C	C	C	7.55
15	F	7.50R	7.40R	6.75	6.41R	C	C	6.75R
16	7.05	5.20	5.50R	5.00	C	C	C	7.49R
17	5.60R	5.20	5.50	5.05R	5.05R	C	C	6.80R
18	5.50	5.25	5.55	5.05	4.70	C	C	6.55
19	5.60	C	4.50	4.63	C	C	C	6.90R
20	5.25	C	N	4.95	C	C	C	6.50R
21	6.40	6.50	C	4.95	C	C	C	6.65R
MEDIAN	5.60	5.25	5.20	4.77	...	...	...	6.71
S.D.MED	.83	.83	.77	.75	...	...	...	.42
L QUART	5.50	5.70	4.54	4.87	...	...	...	6.50
U QUART	6.40	5.66	5.50	5.05	4.87	...	...	6.97
RANGE	.90	5.66	.96	5.04	4.86	0	0	.47
BLANK	0	4.00	2.00	5.00	6.00	6.00	16.00	0
ES	0	0	0	0	0	0	0	0
SPRD F	.06	.00	.00	.10	.25	0	0	0

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

DEC., 1966

SITE. SONGKHLA
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	8.00R	8.02	8.40	8.50	8.20	7.95	8.60	8.62R
2	8.16R	7.97	7.57	7.44	7.87	7.60	7.60	7.55R
3	7.69	7.55	7.40	7.55	7.69	8.00	8.04	8.24
4	8.46R	8.44	7.50	7.41	C	C	7.92	7.82
5	C	9.10	9.00	C	9.20R	9.22	9.12	9.46
6	7.57	8.00	8.06	8.36	9.62	9.92	9.00	C
7	7.01	7.57	7.71	7.42	7.78	8.28	9.09	9.10
8	8.78R	N	9.14	8.98	8.66	8.52	C	9.00
9	C	7.59	7.13	7.42	7.41	7.90	8.60	8.38
10	8.40	8.70	7.56	7.58	7.71	8.10	8.64	8.12
11	7.50	8.42	9.00	8.08	9.14	9.00	9.12	9.62
12	7.64	7.12	7.00	7.21	7.41	7.34	8.00	8.36
13	7.70R	7.47	7.13	7.05	7.20	7.75	8.20	8.36
14	8.60	8.40	8.40	8.53	8.80	9.00R	9.90	10.24
15	7.65	8.40	9.20	8.40	8.76	9.00	9.40R	9.90
16	9.00	9.00R	8.30	7.35	8.10	8.23	8.80R	9.00
17	8.40	8.56	8.00	8.20	9.04	8.40	8.22	8.30
18	7.30	8.40	8.20	8.30	8.00R	8.40	7.80	8.60
19	8.60	8.80	8.40	8.56	8.60	9.40	8.80	9.50R
20	7.60	8.90R	8.04	8.30	8.50	8.90	9.40	9.50R
21	8.20R	9.00	9.10	9.10	9.00	10.20	10.50R	10.00
								C
MEDIAN	8.00	8.40	8.06	8.25	8.15	8.40	8.72	9.00
S.D. M.	.53	.58	.60	.64	.60	.77	.69	.74
L. QUART	7.60	7.78	7.53	7.43	7.74	8.03	8.10	8.50
U. QUART	8.46	8.66	8.70	8.45	8.73	9.00	9.12	9.46
RANGE	.86	.88	1.17	1.02	.99	.97	1.02	1.16
BLANK	0	0	0	0	0	0	0	0
ES	.47	.90	1.08	1.00	1.06	.90	.85	.89
SPRO F	0	0	0	0	0	0	0	0

CHARACTERISTIC. F072

IONOSPHERIC DATA
VERTICAL INCIDENCE

DEC., 1966

SITE. SONCEKLA
LOCAL STANDARD TIME

DAY /HR	1600	1700	1800	1900	2000	2100	2200	2300
1	9.04R	9.20R	9.08R	9.13R	9.52R	9.04R	9.24R	9.72R
2	7.60R	8.22R	8.42R	8.60R	8.24	8.10	7.11R	8.11
3	7.01	7.70	7.97R	7.90R	7.40R	7.81R	6.90	8.70
4	7.97	8.02	9.02	9.34	9.70R	8.00	7.00R	8.40
5	5.42R	10.04	S	C	C	C	C	C
6	0.70	9.20	9.20	3.92	9.00R	9.22	8.10R	7.52R
7	9.00	9.04	9.14	8.06	8.30	7.40R	7.27R	7.60R
8	9.50	9.92R	9.12	7.04R	7.90R	8.00R	8.00R	7.90R
9	8.60	8.00	N	C	C	C	C	C
10	9.02	9.20	8.02	8.24	8.40	8.42	7.97R	7.71R
11	9.96R	9.92R	9.30	9.01	8.42	9.10	N	8.72
12	8.24	9.22	10.02R	7.97	7.90	7.72	N	7.00R
13	9.10	9.50R	N	8.40	8.70	9.00R	N	C
14	10.40	11.10	11.90R	10.50	10.40R	9.20	8.44	9.00
15	9.90R	10.04	9.90R	8.70R	8.20R	9.24R	7.60R	7.25R
16	9.40R	9.20	8.00	8.40R	8.24	7.00	8.40R	7.60R
17	9.00	9.60	9.10	8.40R	8.24	8.00	7.00R	6.50
18	8.60	8.00R	8.00R	7.40R	6.00R	F	7.55R	6.70
19	10.00R	10.00R	10.00	9.50R	8.40R	8.20R	8.30R	7.00R
20	10.30	10.30R	9.00R	8.70	8.20R	8.30R	N	6.70R
21	S	9.20R	S	C	C	C	C	C
MEDIAN	9.03	9.22	9.12	9.55	9.35	8.30	7.70	7.00
S.D. MED	.79	.00	.22	.73	.02	.59	.65	.04
L QUART	8.60	8.90	8.01	8.06	8.20	7.90	7.27	6.70
U QUART	9.74	9.96	9.90	9.00	8.52	9.00	8.30	7.56
RANGE	1.14	1.06	1.00	.94	.32	1.10	1.03	.86
BLANK	0	0	0	0	0	0	0	0
ES	.71	.24	.14	.17	.11	.06	0	0
SPRO F	0	0	0	0	0	0	0	0

CHARACTERISTIC. M FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE
DEC., 1966

SITE. SONGOLA
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---
MEDIAN	0	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0	0
L. QUART	0	0	0	0	0	0	0	0
U. QUART	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

CHARACTERISTIC. M F0F2

IONOSPHERIC DATA
VERTICAL INCIDENCE

DEC., 1966

SITE. SONGKHA
LOCAL STANDARD TIME

DAY /MR	805	905	1005	1105	1205	1305	1400	1500
1	-	-	520	520	520	505	-	-
2	-	-	515	517	520	513	510	-
3	-	-	-	532	520	520	-	-
4	-	510	505	520	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	500	520	-	-	-	-
7	-	-	515	520	-	530	-	-
8	-	M	-	520	525	-	-	510
9	-	-	-	-	520	525	524	-
10	-	-	510	520	520	-	-	-
11	-	-	-	520	500	500	-	-
12	-	-	-	-	510	520	510	-
13	-	-	-	-	500	500	-	-
14	-	-	-	-	510	500	-	-
15	-	-	-	-	500	-	-	-
16	-	-	500	505	510	512	500	-
17	-	-	500	515	510	520	502	-
18	-	-	510	510	520	525	510	-
19	-	-	505	512	-	510	-	-
20	-	-	-	520	512	510	-	-
21	-	-	500	-	525	-	-	-
MEDIAN	0	..	505	520	520	513	506	..
S.D. MED	0	..	7.25	9.95	8.72	9.50	7.87	..
L QUART	0	..	500	515	511	507	500	..
U QUART	0	..	515	520	522	522	510	..
RANGE	0	..	15	7	11	15	10	..

CHARACTERISTIC. H F0F2

IONOSPHERIC DATA
VERTICAL INCIDENCE

DEC., 1966

SITE. SONGCHIA
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305	
1	-	-	-	-	-	-	-	-	
2	-	-	-	-	-	-	-	-	
3	-	-	-	-	-	-	-	-	
4	-	-	-	-	-	-	-	-	
5	-	-	S	-	C	-	-	-	
6	-	-	-	-	-	-	-	-	
7	-	-	-	-	-	-	-	-	
8	-	-	-	-	-	-	-	-	
9	-	-	-	-	-	-	-	-	
10	-	-	-	-	-	-	-	-	
11	-	-	-	-	-	-	-	-	
12	-	-	-	-	-	-	-	-	
13	-	-	-	-	-	-	-	-	
14	-	-	-	-	-	-	-	-	
15	-	-	-	-	-	-	-	-	
16	-	-	-	-	-	-	-	-	
17	-	-	-	-	-	-	-	-	
18	-	-	-	-	-	-	-	-	
19	-	-	-	-	-	-	-	-	
20	-	-	-	-	-	-	-	-	
21	-	-	S	-	-	-	-	-	
MEDIAN	0	0	0	0	0	0	0	0	
S.D. MED	0	0	0	0	0	0	0	0	
L. QUART	0	0	0	0	0	0	0	0	
U. QUART	0	0	0	0	0	0	0	0	
RANGE	0	0	0	0	0	0	0	0	

CHARACTERISTIC. FOF1

ATMOSPHERIC DATA
VERTICAL INCIDENCE

DEC., 1966

SITE. SONENKA
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----
2	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----
3	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----
4	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----
5	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----
6	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----
7	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----
8	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----
9	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----
10	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----
11	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----
12	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----
13	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----
14	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----
15	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----
16	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----
17	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----
18	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----
19	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----
20	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----
21	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----
MEDIAN	6	6	6	6	6	6	6	6
S.D.	0	0	0	0	0	0	0	0
L. QUANT	0	0	0	0	0	0	0	0
U. QUANT	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

CHARACTERISTIC. FORT

IONOSPHERIC DATA
VERTICAL INCIDENCE
DEC., 1966

SITE: SONGKHA
LOCAL STANDARD TIME

DAY /HR	005	905	1005	1105	1205	1305	1405	1505
1	-	-	5.00	5.00	5.00	5.00	5.00	-
2	-	-	5.00	5.01	5.01	5.01	5.00	-
3	-	-	-	5.10	5.01	5.00	5.00	5.00
4	-	5.00	5.00	5.00	-	-	5.00	-
5	C	-	-	C	-	-	-	-
6	-	-	-	5.01	-	-	-	-
7	-	-	5.01	5.06	5.05	-	-	-
8	-	N	-	5.00	5.00	5.05	C	5.00
9	C	-	-	5.01	5.01	5.02	5.02	-
10	-	-	5.00	-	5.02	-	-	-
11	-	-	-	5.10	-	-	5.00	-
12	-	-	-	-	-	-	5.00	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	5.00	-	-	-
15	-	-	-	-	5.00	-	-	-
16	-	5.00	5.00	5.00	5.00	-	-	5.00
17	-	5.00	5.00	5.01	5.00	-	-	5.00
18	-	-	5.00	-	-	-	-	5.00
19	-	-	5.00	-	-	-	5.00	-
20	-	-	-	5.00	5.00	-	-	-
21	-	-	-	-	5.05	-	-	-
MEDIAN	0	..	5.00	5.01	5.00	5.00	5.00	..
S.D. MED	0	..	..	..	..	..	..	..
L QUART	0	..	5.00	5.04	5.03	5.02	5.01	..
U QUART	0	..	5.00	5.00	5.00	5.00	5.00	..
RANGE	0	..	5.00	5.06	5.02	5.00	5.00	..
			..	..	..	..	..	..

CHARACTERISTIC. FOR

IONOSPHERIC DATA
VERTICAL INCIDENCE

DEC., 1966

SITE. SONICKLA
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	S	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	N	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-
21	S	-	S	-	-	-	-	-
MEDIAN	0	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0	0
L. QUART	0	0	0	0	0	0	0	0
U. QUART	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

CHARACTERISTIC. H FOF?

IONOSPHERIC DATA
VERTICAL INCIDENCE

DEC., 1968

SITE. SONGKHA
LOCAL STANDARD TIME

DAY /HR	5	10	15	20	30	40	50	60
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
MEDIAN								
S.D. MED								
L. QUART								
U. QUART								
RANGE								

CHARACTERISTIC. W FOR

IONOSPHERIC DATA
VERTICAL INCIDENCE

DEC., 1966

SITE. SONGKHA
LOCAL STANDARD TIME

DAY /HR	0805	0905	1005	1105	1205	1305	1405	1505
1	-	-	-	210	-	-	-	-
2	-	-	220	224	-	-	200	-
3	-	-	-	210	229	-	-	-
4	-	-	-	230	C	-	-	-
5	-	-	-	C	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	220	-	224	-	-
8	-	-	-	-	200	215	C	-
9	-	-	-	-	230	220	-	-
10	-	-	-	-	-	220	-	-
11	-	-	-	-	210	190	-	-
12	-	-	-	-	230	220	-	-
13	-	-	-	-	-	200	-	-
14	-	-	-	-	-	230	-	-
15	-	-	-	-	-	210	-	-
16	-	-	220	-	-	230	-	-
17	-	-	240	-	-	210	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
MEDIAN	0	0	220	220	220	217	200	0
S.D. MED	0	0	11.55	6.65	9.42	10.05	00	0
L. QUART	0	0	220	214	209	202	00	0
U. QUART	0	0	240	227	230	222	00	0
RANGE	0	0	20	13	21	17	00	0

CHARACTERISTIC. H FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE

DEC., 1996

SITE. SONCOKLA
LOCAL STANDARD TIME

DAY /HR 1600	1700	1800	1900	2000	2100	2200	2300
1	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-
MEDIA	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0
L QUART	0	0	0	0	0	0	0
U QUART	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0

CHARACTERISTIC. FOES

IONOSPHERIC DATA
VERTICAL INCIDENCE
DEC., 1966

SITE. SONGBELA
LOCAL STANDARD TIME

DAY /HR	005	905	1003	1105	1205	1305	1405	1503
1	-	11.000	10.960	12.000	12.000	11.000	10.960	13.000
2	-	7.46L	14.000	14.000	14.000	14.000	13.300	15.000
3	7.00L	9.00L	12.000	11.940	14.000	14.000	11.920	9.900
4	-	7.55L	9.700	12.000	C	C	11.900	9.900
5	C	8.400	8.900	C	12.000	10.240	13.000	11.600
6	8.96L	9.000	11.100	11.640	13.100	12.100	11.840	C
7	-	8.000	12.000	11.060	12.000	11.420	10.960	8.520
8	C	N	10.240	16.280	10.380	9.100	C	7.00L
9	-	9.000	11.420	14.000	14.300	14.160	14.100	11.920
10	6.97L	8.400	10.900	11.000	14.200	14.000	10.900	9.000
11	-	8.020	11.100	11.100	11.020	12.000	12.000	12.000
12	6.00L	10.320	10.000	14.100	14.020	14.220	14.300	8.960
13	-	9.200	13.500	11.700	11.200	14.000	14.000	7.10L
14	5.95L	10.360	14.000	15.000	13.300	14.000	13.400	6.10L
15	5.95L	9.300	11.300	11.200	12.300	13.000	11.500	14.900
16	-	7.10L	11.000	14.200	15.900	14.100	14.200	10.300
17	6.55L	10.400	11.400	13.400	14.900	13.100	12.100	10.400
18	-	9.000	11.900	10.200	9.200	11.500	11.000	10.900
19	6.60L	6.55L	11.000	8.000	10.000	9.200	5.50L	-
20	5.90L	-	11.000	8.000	9.100	7.250	-	C
21	-	6.65L	9.000	8.300	9.900	-	-	-
MEDIAN	6.00	8.02	11.10	11.07	12.55	13.35	11.92	10.00
S.D.MED	.73	1.21	1.35	1.94	2.02	2.45	2.10	2.00
L QUART	5.94	7.55	10.89	10.60	10.75	11.00	10.98	8.74
U QUART	6.70	9.20	11.95	13.70	14.25	14.10	13.79	11.76
RANGE	.84	1.65	1.06	5.01	3.50	3.10	2.61	5.02

CHARACTERISTIC. F0ES

ISOSPHERIC DATA
VERTICAL INCIDENCE
DEC., 1964

ITE. SONCULA
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	7.00L	8.94L	10.000	7.40F	5.94F	-	-	-
2	8.94L	11.200	-	-	-	-	-	-
3	9.00L	-	-	-	-	-	-	-
4	9.77L	-	S	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	7.04L	-	-	-	-	-	-	-
7	6.51L	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	9.000	9.55L	N	-	-	-	-	-
10	-	-	-	5.97F	-	-	-	-
11	11.920	11.910	10.360	5.91F	-	-	-	-
12	6.45L	-	-	-	-	-	-	-
13	7.10L	-	N	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	10.700	11.100	10.400	-	5.91F	-	-	-
16	6.65L	-	-	-	-	-	-	-
17	6.00L	-	-	-	-	-	-	-
18	5.95L	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	6.50L	-	-	-	-	-	-	-
21	S	-	S	-	-	-	-	-
MEDIAN	7.00	11.10	10.36	9.97	..	0	0	0
S.D. MED	1.90	2.69	.22	.00	..	0	0	0
L. QUART	6.45	7.24	10.00	5.90	..	0	0	0
U. QUART	9.00	11.55	10.40	7.49	..	0	0	0
RANGE	2.55	4.51	.46	1.59	..	0	0	0

CHARACTERISTIC. W ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

DEC., 1966

SITE: SONOBUA
LOCAL STANDARD TIME

DAY /HR	5	10	15	20	25	30	40	50	60	70
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
MEDIAN										
S.D. MED										
L. QUART										
U. QUART										
RANGE										

CHARACTERISTIC. M ES

ATMOSPHERIC DATA
VERTICAL INCIDENCE

DEC., 1966

SITE. SONGKHLA
LOCAL STANDARD TIME

DAY /HR	005	008	1005	1205	1305	1405	1505
1	-	110	105	104	110	104	105
2	-	105	110	110	106	105	105
3	105	105	103	110	105	110	105
4	-	106	105	C	C	110	105
5	C	106	C	105	100	100	109
6	103	105	102	100	110	105	C
7	-	105	110	115	110	105	110
8	-	110	103	104	100	C	110
9	C	110	105	110	105	105	105
10	105	105	105	110	105	105	112
11	-	106	110	100	-	105	105
12	112	106	103	105	100	105	105
13	-	105	105	105	100	103	105
14	110	110	105	105	110	106	110
15	110	105	103	103	105	105	105
16	-	115	105	107	105	100	105
17	110	105	105	105	105	105	107
18	-	110	106	105	110	105	105
19	110	110	105	104	105	112	-
20	110	105	105	105	105	-	-
21	-	105	100	106	-	-	C
MEDIAN	110	106	105	105	110	105	105
S.D. MED	3.99	2.98	2.73	3.59	2.74	2.69	2.91
L QUART	105	105	105	104	105	105	105
U QUART	111	110	109	109	110	100	109
RANGE	6	5	4	5	5	3	4

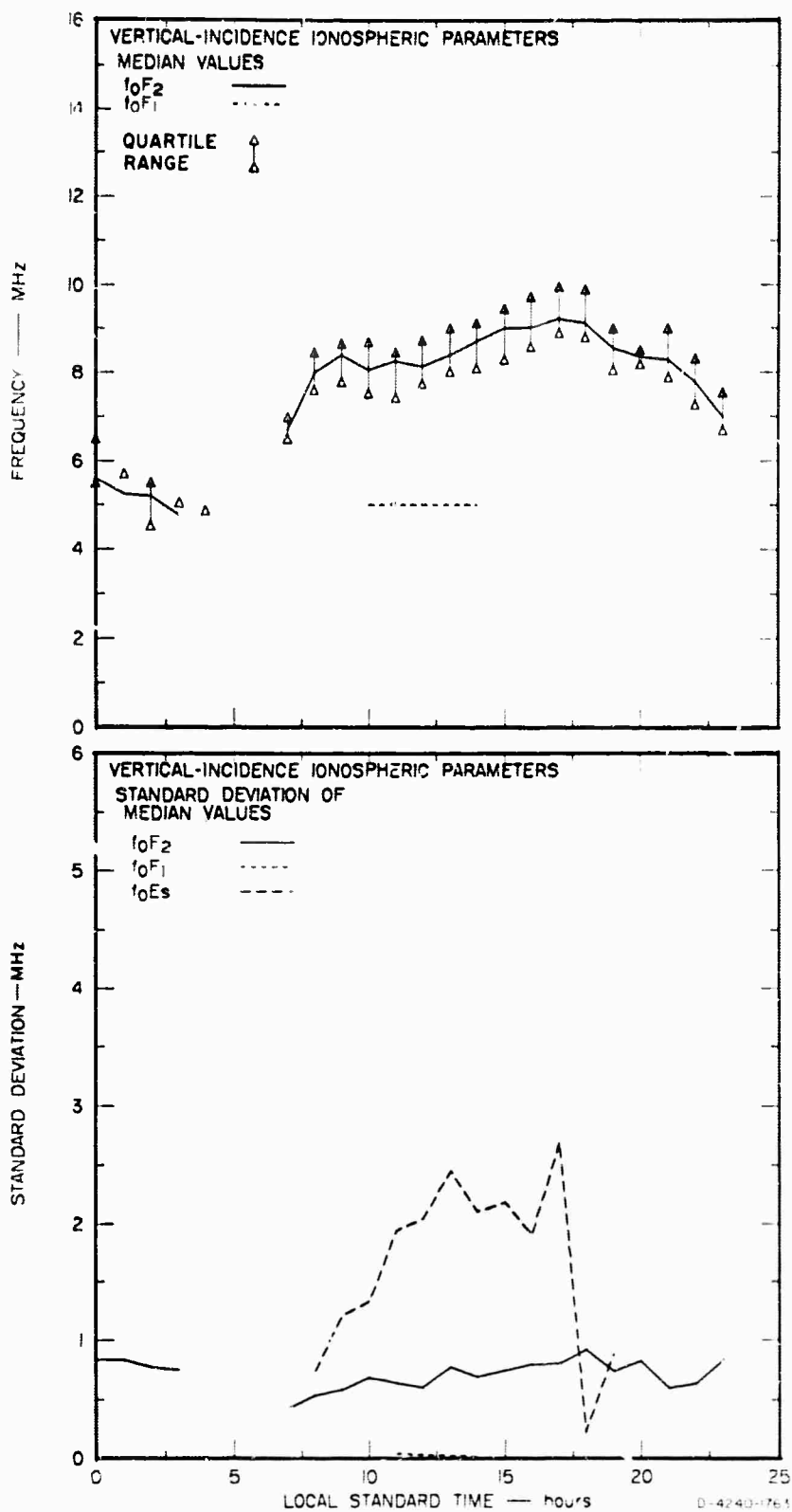
CHARACTERISTIC. MES

IONOSPHERIC DATA
VERTICAL INCIDENCE

DEC., 1966

SITE. SONGKHA
LOCAL STANDARD TIME

DAY /HR 1605	1705	1805	1905	2005	2105	2205	2305
1 105	113	120	120	123	-	-	-
2 108	114	-	-	-	-	-	-
3 111	-	-	-	-	-	-	-
4 105	-	S	C	C	C	C	C
5 105	-	-	-	-	-	-	-
6 109	-	-	-	-	-	-	-
7 110	-	-	-	-	-	-	-
8 105	112	N	C	C	C	C	C
9 105	-	-	110	-	-	-	-
10 105	105	105	110	-	-	N	-
11 105	-	-	-	-	-	N	-
12 105	-	N	-	-	-	N	-
13 105	-	-	-	-	-	-	-
14 105	110	110	-	120	-	-	-
15 105	-	-	-	-	-	-	-
16 106	-	-	-	-	-	-	-
17 115	-	-	-	-	-	-	-
18 105	-	-	-	-	-	-	-
19 105	-	-	-	-	-	-	-
20 104	-	S	C	-	C	N	C
21 S	-	-	-	-	-	-	-
MEDIAN 105	112	110	110	..	..	..	..
S.D. MED 3.54	4.31	6.45	5.77	..	..	..	..
L QUART 105	107	105	110	..	..	..	..
U QUART 109	116	123	120	..	..	..	..
RANGE 4	9	15	10	..	..	..	..



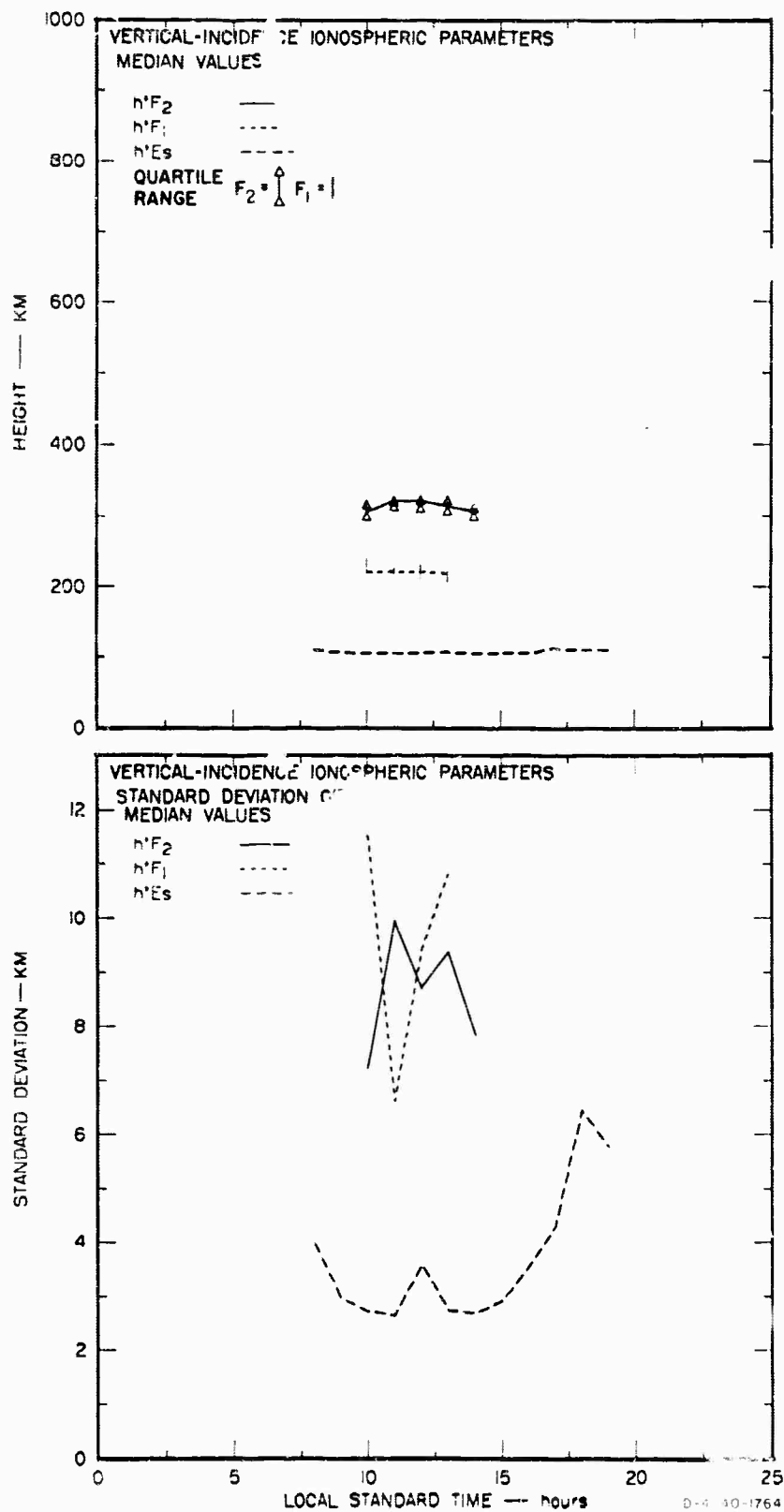


FIG. 45 VIRTUAL HEIGHT SUMMARY, SONGKHLA, DECEMBER, 1966

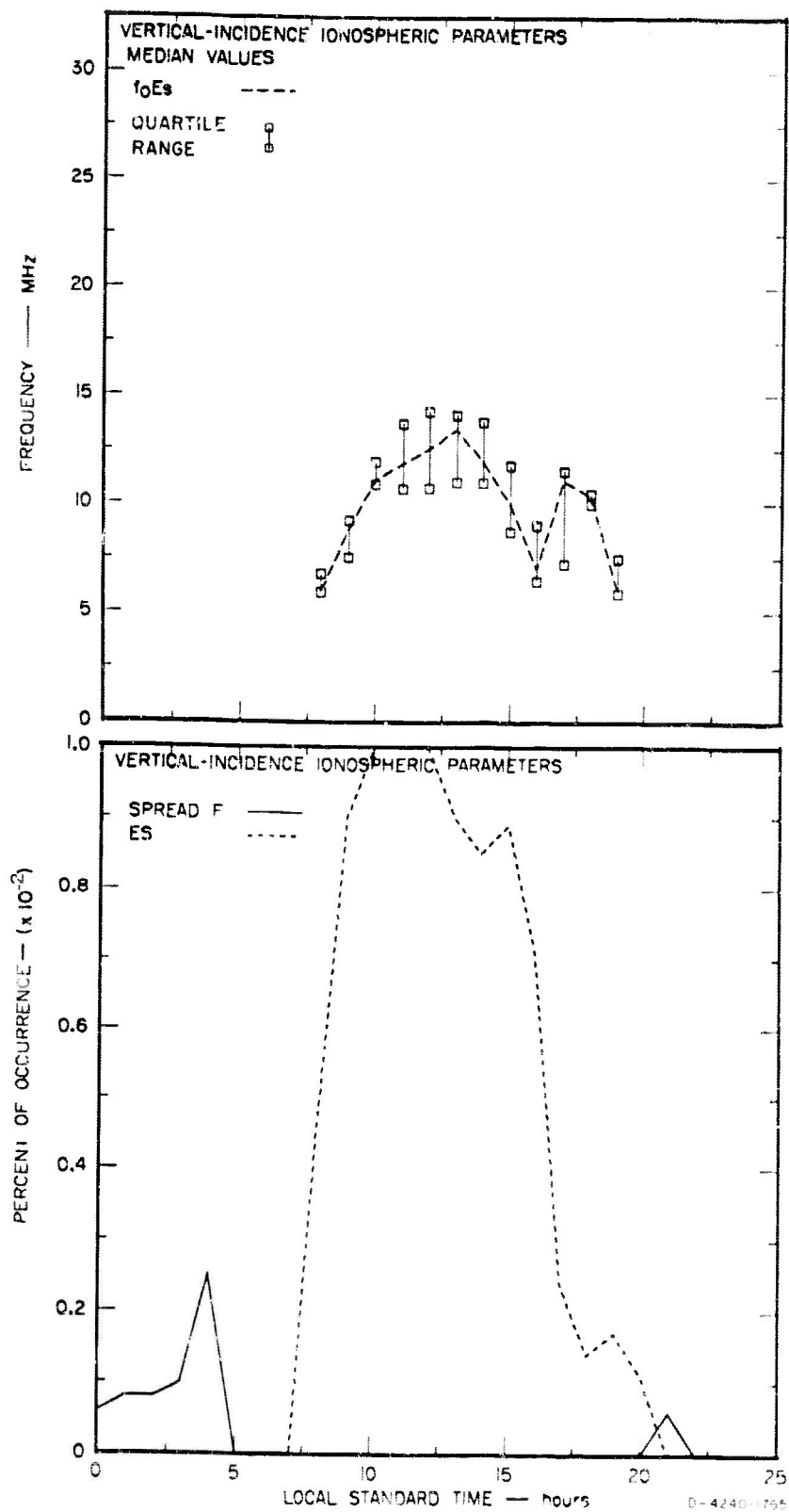


FIG. 46 SPORADIC E AND SPREAD F SUMMARY, SONGKHLA, DECEMBER, 1966

CHARACTERISTIC. FOFZ

IONOSPHERIC DATA
VERTICAL INCIDENCE

JAN., 1967

SITE. SONGKHLA
LOCAL STANDARD TIME

DAY /NR	5	105	205	305	405	505	605	705
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	6.55R	5.50	3.55R	C	C	C	C	6.55R
6	5.60	5.05	4.00R	C	C	C	C	7.15R
7	5.50	4.95	C	C	C	C	C	5.60
8	5.00R	7.35R	6.70R	C	C	C	C	6.10R
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C
13	6.65R	6.55R	5.30	4.65	C	C	C	6.50
14	C	5.00	4.85	C	C	C	C	5.50
15	C	5.45	4.70	C	C	C	C	5.07R
16	6.00	C	C	C	C	C	C	5.00
17	4.70	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	5.25R
20	5.25R	C	C	C	C	C	C	6.40R
21	5.30	4.77	5.95	5.50	5.00	C	C	6.60
22	N	5.50	C	C	C	C	C	C
MEDIAN	5.60	5.50	5.07	...	...	...	...	6.37
S.D. MED	1.00	.85	.66	...	...	...	...	1.50
L QUART	5.27	4.77	4.75	...	...	...	...	5.85
U QUART	6.60	6.00	5.45	...	...	...	...	6.57
RANGE	1.33	1.25	.70	...	...	...	...	2.00
BLANK	0	2.00	0	6.00	1.00	1.00	11.00	0
ES	.00	0	0	.33	.56	0	0	0
SPD F	.11	0	.11	...	...	...	...	0

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE
JAN., 1967

SITE. SONCKELA
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	8.80	N	8.30R	8.20	8.20R	7.95R	8.20R	8.10R
6	8.80	9.50R	9.30R	9.50	8.50R	8.40R	8.20R	8.20R
7	8.80R	N	9.30R	9.50	9.00	8.10	7.50	7.55R
8	9.00	10.20	C	11.80R	12.70	12.80R	12.00	7.10
9	8.25R	9.00	C	C	C	C	C	12.20R
10	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C
13	8.20	8.30	8.00	7.95	7.90	8.00	10.00R	10.40
14	7.00	C	6.15	6.55	6.50	6.60	8.20	9.60
15	6.50	6.50	6.15	6.55	7.45	8.50	6.60R	7.65
16	7.96	7.01	6.10	6.10	6.65	7.45	8.10	8.40
17	8.65R	8.62R	7.70	8.00	8.20	7.90R	7.45	8.36
18	C	C	C	C	C	C	8.00	8.44
19	C	C	C	C	C	C	C	C
20	8.40R	9.00	8.70R	8.40	8.40	8.60	8.02	C
21	8.00R	9.00	9.10	8.26	8.20	7.80	C	C
22	9.40	C	C	C	C	C	C	C
MEDIAN	8.40	9.00	8.50	8.20	8.20	8.00	8.10	8.36
S.D. MED	1.78	1.21	1.35	1.56	1.57	1.56	1.41	1.42
L QUART	7.98	7.65	6.92	7.25	7.45	7.80	7.50	7.65
U QUART	8.80	9.45	9.30	8.95	8.50	8.50	8.20	9.00
RANGE	.82	1.80	2.38	1.70	1.05	.70	.70	1.35
BLANK	0	0	0	0	0	0	0	0
ES	.31	.64	1.00	.80	.91	1.00	1.00	.91
SPR D F	0	0	0	0	0	0	0	0

CHARACTERISTIC. FOR

IONOSPHERIC DATA
VERTICAL INCIDENCE

JAN., 1967

GITE. SONGBULA
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2215	2305
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	8.24R	8.62	8.70R	8.40R	8.00R	7.45R	7.13R	7.40R
5	7.95R	8.20	8.20R	8.30R	8.00R	7.60	6.18R	5.75
6	7.75	8.40	8.80	8.30R	8.20R	7.60	7.55	6.50
7	7.40	7.95	7.50	8.20R	6.70	N	2.40	N
8	10.20	10.10R	10.50R	N	10.80R	N	8.70R	8.70R
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C
12	11.00	7.50	11.00	9.10	6.00	8.20	7.00R	7.20R
13	10.00R	10.50	10.20R	10.10	9.00	6.25	7.10	7.30
14	8.90R	10.90	10.60	8.40	6.60	8.00	5.50	4.90
15	9.60	10.00	10.00R	9.40	8.20	8.00	7.10	7.30
16	8.90	9.20	9.20	9.00	9.00	8.42	5.50	4.90
17	C	C	C	C	C	C	C	C
18	C	9.40R	8.60	7.80	7.55R	7.30R	6.60	6.70R
19	C	8.54	8.20	8.40	7.80R	7.60R	6.60	6.60R
20	C	9.20R	9.52	8.10R	7.50R	7.00	6.30	7.12R
21	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C
31	C	C	C	C	C	C	C	C
MEDIAN	8.95	9.20	8.80	8.40	8.00	7.60	7.05	6.91
S.D. MED	1.15	0.81	0.97	0.66	1.04	1.30	1.00	0.96
QUART	7.90	9.47	8.40	8.25	7.57	7.15	6.60	6.50
QUART	10.00	10.95	10.00	9.05	8.70	8.10	7.55	7.30
RANGE	2.10	1.50	1.60	0.80	1.15	0.95	0.95	0.80
SPD F	0	0	0	0	0	0	0	0
SPD F	0	0	0	0	0	0	0	0

CHARACTERISTIC. H F072

IONOSPHERIC DATA
VELOCITY INCIDENCE

JAN., 1967

SITE. SONOZOLA
LOCAL STANDARD TIME

DAY /HR	F	105	205	305	405	505	605	705
1	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0
MEDIAN	0	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0	0
L. QUANT	0	0	0	0	0	0	0	0
U. QUANT	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

CHARACTERISTIC. H F0F2

IONOSPHERIC DATA
VERTICAL INCIDENCE
JAN., 1967

SITE. SONCKHLA
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	-	-	305	300	325	300	-	-
6	-	-	-	-	300	315	-	-
7	-	-	-	-	312	315	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
MEDIAN	0	..	312	300	320	315	307	..
S.D. MED	0	..	11.32	22.12	44.86	15.48	5.32	..
U QUART	0	..	302	300	302	325	303	..
L QUART	0	..	324	332	327	312	312	..
RANGE	0	..	22	32	25	13	9	..

CHARACTERISTIC. H FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE
JAN., 1967

SITE. SINGHIA
LOCAL STANDARD TIME

DAY /NR	16:5	17:05	18:05	19:05	20:05	21:05	22:05	23:05
1	000	000	000	000	000	000	000	000
2	000	000	000	000	000	000	000	000
3	000	000	000	000	000	000	000	000
4	000	000	000	000	000	000	000	000
5	000	000	000	000	000	000	000	000
6	000	000	000	000	000	000	000	000
7	000	000	000	000	000	000	000	000
8	000	000	000	000	000	000	000	000
9	000	000	000	000	000	000	000	000
10	000	000	000	000	000	000	000	000
11	000	000	000	000	000	000	000	000
12	000	000	000	000	000	000	000	000
13	000	000	000	000	000	000	000	000
14	000	000	000	000	000	000	000	000
15	000	000	000	000	000	000	000	000
16	000	000	000	000	000	000	000	000
17	000	000	000	000	000	000	000	000
18	000	000	000	000	000	000	000	000
19	000	000	000	000	000	000	000	000
20	000	000	000	000	000	000	000	000
21	000	000	000	000	000	000	000	000
22	000	000	000	000	000	000	000	000
23	000	000	000	000	000	000	000	000
24	000	000	000	000	000	000	000	000
25	000	000	000	000	000	000	000	000
26	000	000	000	000	000	000	000	000
27	000	000	000	000	000	000	000	000
28	000	000	000	000	000	000	000	000
29	000	000	000	000	000	000	000	000
30	000	000	000	000	000	000	000	000
31	000	000	000	000	000	000	000	000
MEDIAN	000	000	000	000	000	000	000	000
S.D. MED	000	000	000	000	000	000	000	000
L. QUART	000	000	000	000	000	000	000	000
U. QUART	000	000	000	000	000	000	000	000
RANGE	000	000	000	000	000	000	000	000

IONOSPHERIC DATA
VERTICAL INCIDENCE
JAN., 1967

SIZE.	SONGKHLA	STANDARD	TIME
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380

CHARACTERISTIC. FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE

JAN., 1967

SITE. SONGKHLA
LOCAL STANDARD TIME

DAY	HR	005	905	1005	1105	1205	1305	1405	1505
1		C	C	C	C	C	C	C	C
2		C	C	C	C	C	C	C	C
3		C	C	C	C	C	C	C	C
4		C	C	C	C	C	C	C	C
5		C	C	C	C	C	C	C	C
6		C	C	C	C	C	C	C	C
7		C	C	C	C	C	C	C	C
8		C	C	C	C	C	C	C	C
9		C	C	C	C	C	C	C	C
10		C	C	C	C	C	C	C	C
11		C	C	C	C	C	C	C	C
12		C	C	C	C	C	C	C	C
13		C	C	C	C	C	C	C	C
14		C	C	C	C	C	C	C	C
15		C	C	C	C	C	C	C	C
16		C	C	C	C	C	C	C	C
17		C	C	C	C	C	C	C	C
18		C	C	C	C	C	C	C	C
19		C	C	C	C	C	C	C	C
20		C	C	C	C	C	C	C	C
21		C	C	C	C	C	C	C	C
22		C	C	C	C	C	C	C	C
MEDIAN		3	3	3	3	3	3	3	3
S.D. MED		0	0	0	0	0	0	0	0
L QUART		0	0	0	0	0	0	0	0
U QUART		0	0	0	0	0	0	0	0
RANGE		0	0	0	0	0	0	0	0

CHARACTERISTIC. FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE
JAN., 1967

SITE. SONCKHLA
LOCAL STANDARD TIME

DAY /HR 1605	1705	1805	1915	2005	2105	2205	2305	
1	C	C	C	C	C	C	C	..
2	C	C	C	C	C	C	C	..
3	C	C	C	C	C	C	C	..
4	C	C	C	C	C	C	C	..
5	C	C	C	C	C	C	C	..
6	C	C	C	C	C	C	C	..
7	C	C	C	C	C	C	C	..
8	C	C	C	C	C	C	C	..
9	C	C	C	C	C	C	C	..
10	C	C	C	C	C	C	C	..
11	C	C	C	C	C	C	C	..
12	C	C	C	C	C	C	C	..
13	C	C	C	C	C	C	C	..
14	9.90	C	C	C	C	C	C	..
15	C	C	C	C	C	C	C	..
16	C	C	C	C	C	C	C	..
17	C	C	C	C	C	C	C	..
18	C	C	C	C	C	C	C	..
19	C	C	C	C	C	C	C	..
20	C	C	C	C	C	C	C	..
21	C	C	C	C	C	C	C	..
22	C	C	C	C	C	C	C	..
23	C	C	C	C	C	C	C	..
24	C	C	C	C	C	C	C	..
25	C	C	C	C	C	C	C	..
26	C	C	C	C	C	C	C	..
27	C	C	C	C	C	C	C	..
28	C	C	C	C	C	C	C	..
29	C	C	C	C	C	C	C	..
30	C	C	C	C	C	C	C	..
31	C	C	C	C	C	C	C	..
MEDIAN	..	..	..	..	..	..	..	..
S.D. MED	..	..	..	..	..	..	..	..
L. QUART	..	..	..	..	..	..	..	..
U. QUART	..	..	..	..	..	..	..	..
RANGE	..	..	..	..	..	..	..	..

CHARACTERISTIC. M FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE

JAN., 1967

SITE. SONGKHLA
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C
MEDIAN	0	0	0	0	0	0	0	0
S.D.MED	0	0	0	0	0	0	0	0
L. QUART	0	0	0	0	0	0	0	0
U. QUART	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

CHARACTERISTIC. H FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE

JAN., 1967

SITE. SONGKHLA
LOCAL STANDARD TIME

DAY /HR	000	005	1005	1205	1505	1805
1	C	C	C	C	C	C
2	C	C	C	C	C	C
3	C	C	C	C	C	C
4	C	C	C	C	C	C
5	C	C	C	C	C	C
6	C	C	C	C	C	C
7	C	C	C	C	C	C
8	C	C	C	C	C	C
9	C	C	C	C	C	C
10	C	C	C	C	C	C
11	C	C	C	C	C	C
12	C	C	C	C	C	C
13	C	C	C	C	C	C
14	C	C	C	C	C	C
15	C	C	C	C	C	C
16	C	C	C	C	C	C
17	C	C	C	C	C	C
18	C	C	C	C	C	C
19	C	C	C	C	C	C
20	C	C	C	C	C	C
21	C	C	C	C	C	C
22	C	C	C	C	C	C
MEDIAN	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0
L. QUART	0	0	0	0	0	0
U. QUART	0	0	0	0	0	0
RANGE	0	0	0	0	0	0

CHARACTERISTIC. F0E3

LONGSPHERIC DATA
VERTICAL INCIDENCE

JUN., 1967

SITE: SONAGHUA
LOCAL STANDARD TIME

DAY /HR	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	MEDIAN	S.D.	U QUANT	U QUANT	RANGE
1																			...	...	...	...	..
2																			...	...	...	...	..
3																			...	...	...	...	..
4																			...	...	...	...	..
5																			...	...	...	...	..
6																			...	...	...	...	..
7																			...	...	...	...	..
8																			...	...	...	...	..
9																			...	...	...	...	..
10																			...	...	...	...	..
11																			...	...	...	...	..
12																			...	...	...	...	..
13																			...	...	...	...	..
14																			...	...	...	...	..
15																			...	...	...	...	..
16																			...	...	...	...	..
17																			...	...	...	...	..
18																			...	...	...	...	..
19																			...	...	...	...	..
20																			...	...	...	...	..
21																			...	...	...	...	..
22																			...	...	...	...	..
705																			...	...	...	...	..
605																			...	...	...	...	..
505																			...	...	...	...	..
405																			...	...	...	...	..
305																			...	...	...	...	..
205																			...	...	...	...	..
105																			...	...	...	...	..

CHARACTERISTIC. F0ES

IONOSPHERIC DATA
VERTICAL INCIDENCE
JAN., 1967

SITE. SONGKRA
LOCAL STANDARD TIME

DAY /HR	005	905	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	N	7.55L	10.400	9.000	11.100	11.200	6.55L
6	C	7.00L	9.200	11.000	11.200	12.000	12.000	11.000
7	C	7.00L	8.400	11.5	12.000	12.000	12.000	12.000
8	C	7.00L	C	C	C	6.55L	11.000	7.40L
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C
13	C	10.000	14.100	14.000	14.200	14.000	10.400	3.200
14	7.05L	10.000	15.100	14.000	15.000	16.000	15.000	13.200
15	7.50L	10.200	16.000	14.000	16.000	16.000	10.500	8.000
16	8.000	10.200	17.000	14.000	16.000	16.000	11.500	6.35L
17	C	8.400	11.000	14.000	14.400	14.200	15.000	8.900
18	C	C	C	C	C	15.000	11.940	10.000
19	C	C	10.600	C	C	C	C	C
20	C	8.360	14.000	10.200	11.600	13.240	12.000	C
21	3.05L	C	C	14.000	15.000	15.220	C	C
22	C	C	C	C	C	C	C	C
MEDIAN	7.27	8.40	12.25	14.00	14.10	14.00	11.94	6.05
S.D. MED	1.06	1.52	2.64	2.17	2.12	2.70	1.50	2.25
L QUANT	6.45	7.00	9.20	10.70	11.20	11.10	11.00	7.40
U QUANT	8.15	10.20	14.00	14.60	14.00	15.00	12.00	11.00
RANGE	1.70	3.20	4.80	3.90	3.60	3.90	1.00	3.60

CHARACTERISTIC. F0ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

J/N., '967

SITE. SONGKHLA
LOCAL STANDARD TIME

DAY /HR 1605	1705	1805	1905	2005	2105	2205	2305
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	6.60L 7.50L 10.000 8.300 7.200 9.100 7.90L 6.65L 6.74L 7.55L	6.60L 7.50L 10.000 8.300 7.200 9.100 7.90L 6.65L 6.74L 7.55L	6.60L 7.50L 10.000 8.300 7.200 9.100 7.90L 6.65L 6.74L 7.55L	6.60L 7.50L 10.000 8.300 7.200 9.100 7.90L 6.65L 6.74L 7.55L	6.60L 7.50L 10.000 8.300 7.200 9.100 7.90L 6.65L 6.74L 7.55L	6.60L 7.50L 10.000 8.300 7.200 9.100 7.90L 6.65L 6.74L 7.55L	6.60L 7.50L 10.000 8.300 7.200 9.100 7.90L 6.65L 6.74L 7.55L
EDIAN 7.09	7.12	7.12	7.12	7.12	7.12	7.12	7.12
S.D. MED 1.18	1.42	1.42	1.42	1.42	1.42	1.42	1.42
L QUART 7.20	6.69	6.69	6.69	6.69	6.69	6.69	6.69
U QUART 9.10	7.52	7.52	7.52	7.52	7.52	7.52	7.52
RANGE 1.00	.83	.83	.83	.83	.83	.83	.83

CHARACTERISTIC. H ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

JAN., 1967

SITE. SONCKHLA
LOCAL STANDARD TIME

DAY /HR	B	105	205	305	405	505	605	705
1	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC
2	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC
3	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC
4	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC
5	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC
6	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC
7	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC
8	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC
9	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC
10	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC
11	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC
12	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC
13	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC
14	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC
15	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC
16	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC
17	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC
18	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC
19	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC
20	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC
21	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC
22	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC
MEDIAN	..	..	..	..	..	..	..	..
S.D. MED	..	..	..	..	..	..	..	..
L. QUART	..	..	..	..	..	..	..	..
U. QUART	..	..	..	..	..	..	..	..
RANGE	..	..	..	..	..	..	..	..

CHARACTERISTIC. N ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

JAN., 1967

SITE. SONGKHA
LOCAL STANDARD TIME

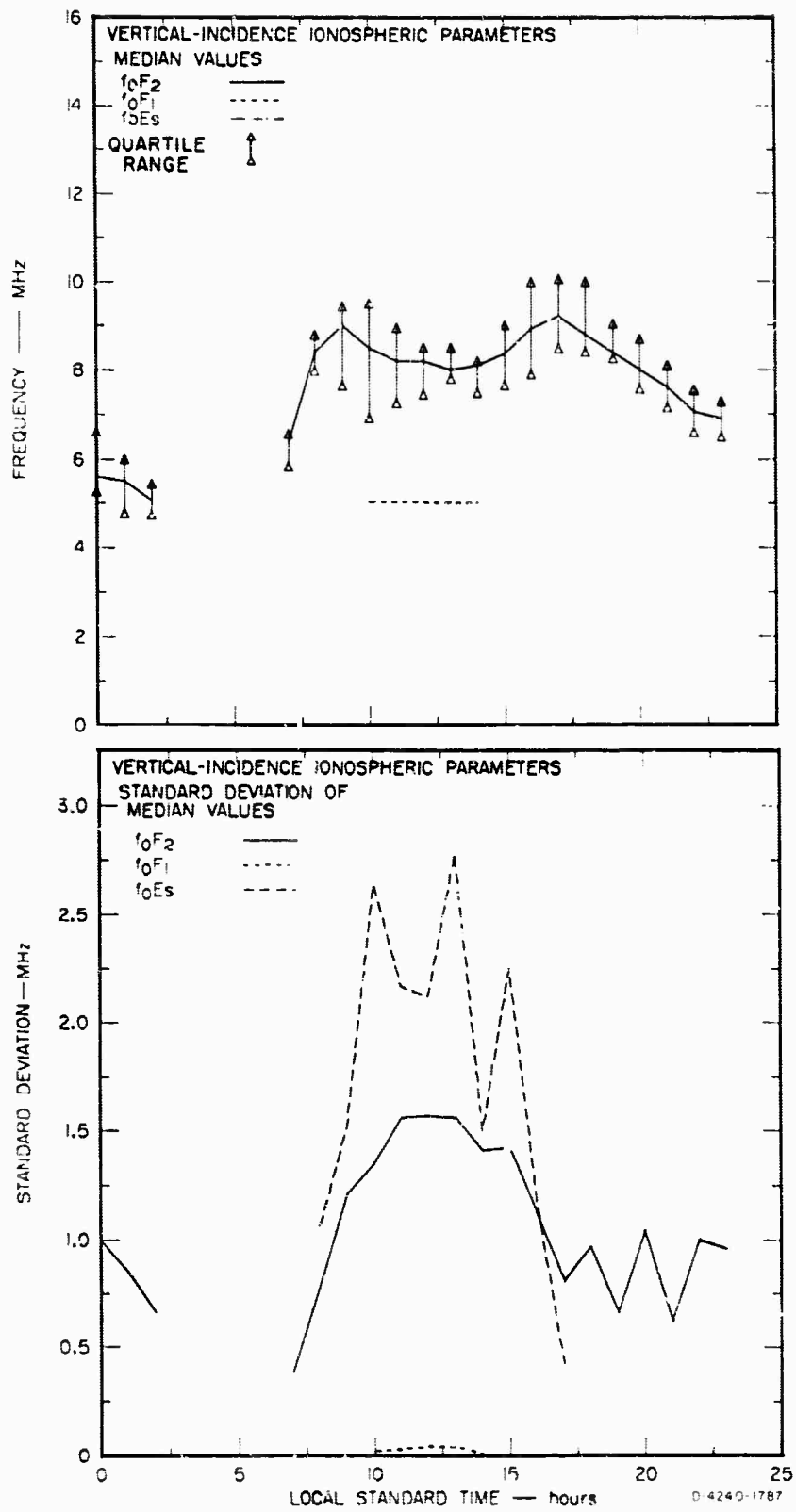
DAY /HR	005	905	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C
MEDIAN	109	109	105	105	102	103	105	105
S.D.	2.07	2.12	4.12	2.02	3.15	2.26	2.09	2.09
L QUANT	109	109	105	102	102	102	102	102
U QUANT	111	110	110	105	105	105	105	105
RANGE	6	8	8	7	5	3	4	2

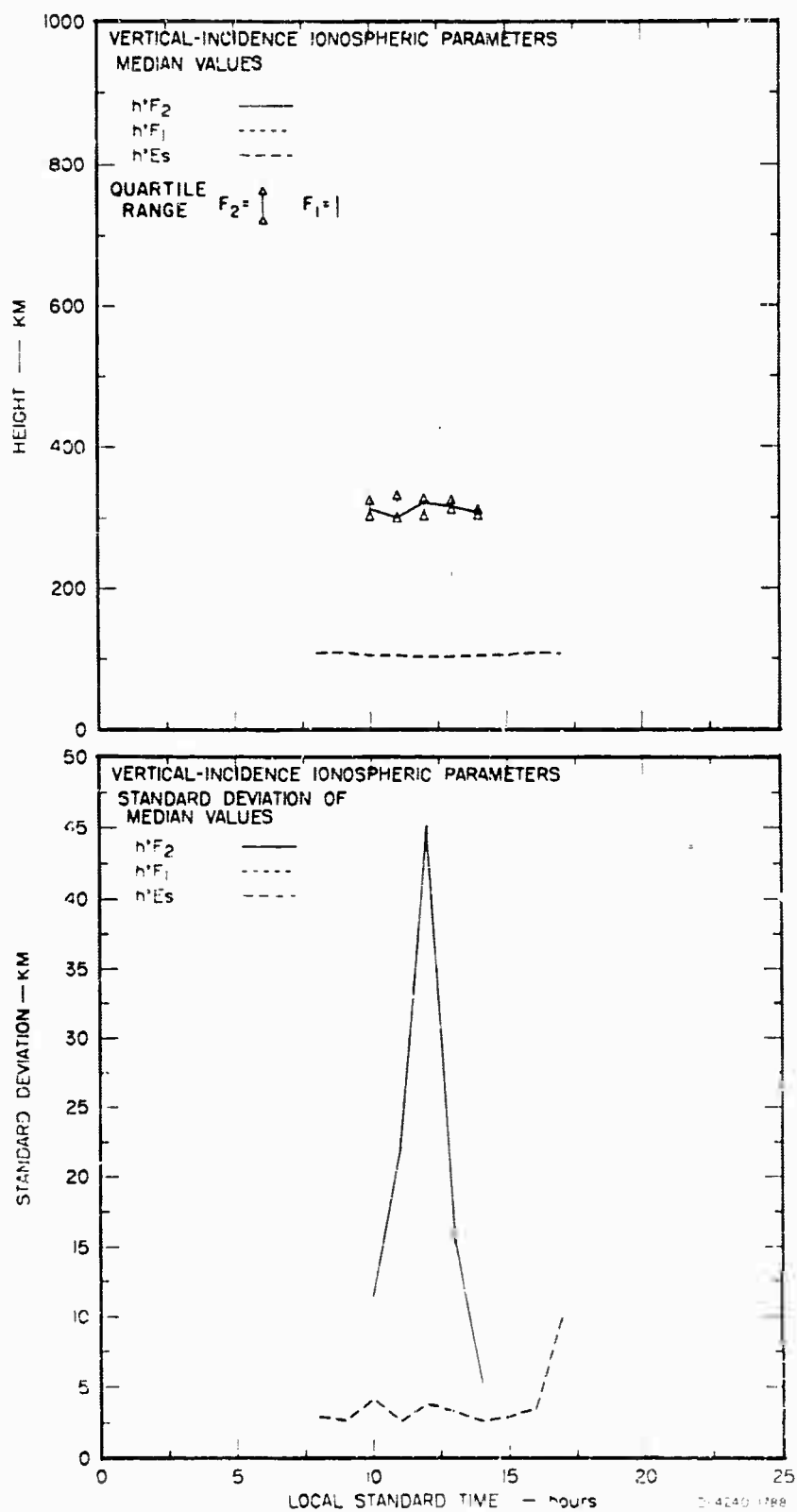
CHARACTERISTIC. H ES

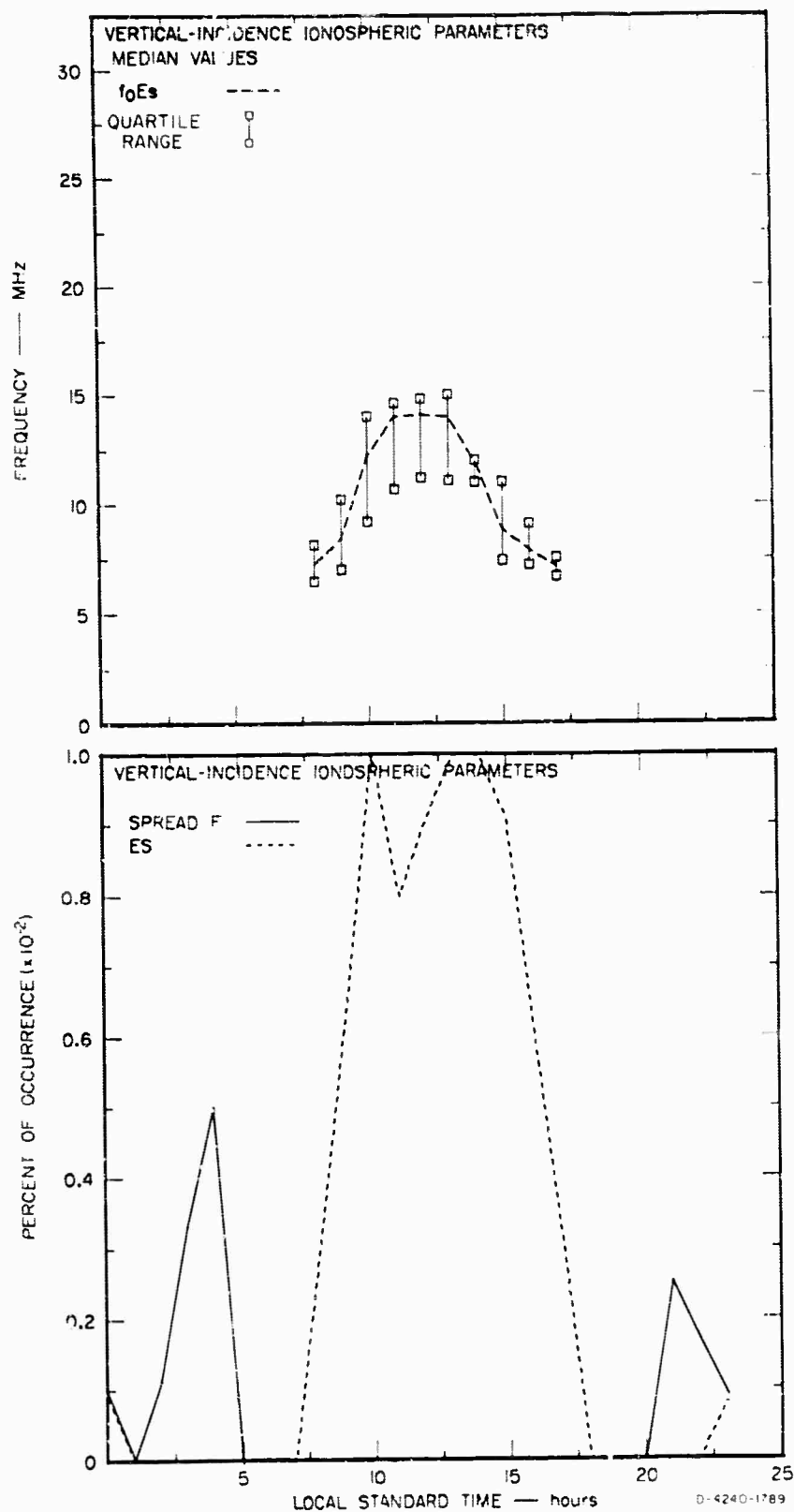
IONOSPHERIC DATA
VERTICAL INCIDENCE
JAN., 1967

SITE: SONGKHLA
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	-	-	-	-	-	-	-	125
5	119	110	-	-	-	-	-	H
6	109	C	C	C	C	C	C	C
7	105	110	C	C	C	C	C	C
8	119	-	-	-	-	-	-	C
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C
12	102	-	-	-	-	-	-	C
13	111	-	-	-	-	-	-	C
14	-	-	-	-	-	-	-	C
15	-	-	-	-	-	-	-	C
16	-	105	-	-	-	-	-	C
17	C	C	C	C	C	C	C	C
18	C	120	-	-	-	-	-	C
19	C	106	-	-	-	-	-	C
20	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C
31	C	C	C	C	C	C	C	C
MEDIAN	109	108	0	0	0	0	0	0
S.D. MED	3.44	10.21	0	0	0	0	0	0
L. QUANT	105	105	0	0	0	0	0	0
U. QUANT	110	119	0	0	0	0	0	0
RANGE	5	14	0	0	0	0	0	0







CHARACTERISTIC. F052

IONOSPHERIC DATA
VERTICAL INCIDENCE

FEB.. 1967

SITE. SONGKHLA
LOCAL STANDARD TIME

DAY /HR	S	105	205	305	405	505	605	705
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C
13	F	F	F	F	F	F	F	F
14	F	F	F	F	F	F	F	F
15	F	F	F	F	F	F	F	F
16	F	F	F	F	F	F	F	F
17	F	F	F	F	F	F	F	F
18	6.50R	5.55	5.40	4.80R	4.71	5.00R	5.00	5.00
19	F	F	5.14	F	F	F	5.04R	5.04R
20	6.20	7.55R	7.32R	5.45R	C	C	5.00	5.00
21	F	7.55R	N	6.70R	5.52	5.00	5.00	5.00
22	9.00	F	N	6.55R	4.50	5.00	5.00	5.00
23	N	9.00R	N	5.12	4.50	5.00	5.00	5.00
24	F	F	N	F	F	5.00R	5.00	5.00
25	F	F	F	F	F	F	5.00	5.00
26	F	F	F	F	F	F	5.00	5.00
27	F	F	F	F	F	F	5.00	5.00
28	F	F	F	F	F	F	5.00	5.00
MEDIAN	6.20	7.64	5.60	5.15	4.71	5.00	5.00	5.00
S.D. MED	1.00	1.27	1.07	1.04	1.07	1.00	1.00	1.00
L QUANT	6.50	6.55	5.10	4.96	4.71	5.00	5.00	5.00
U QUANT	9.00	8.49	7.62	6.66	5.00	5.00	5.00	5.00
RANGE	2.50	1.00	1.02	1.70	5.00	5.00	5.00	5.00
BLANK	0	0	0	0	0	0	0	0
ES	0.06	0.06	0	0	0	0	0	0
SPRD F	0.80	0.75	0.75	0.69	0.69	0.69	0.69	0.69

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE
FEB., 1967

SITE. SONGKHA
LOCAL STANDARD TIME

DAY /HR	805	908	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	8.40	9.00	8.50	9.40	8.85	8.40	8.50	9.10
12	9.50R	9.40	9.50	9.00	8.00	8.50	8.50	8.50
13	9.00R	10.00R	-	10.00	10.20	10.20	9.20	10.20
14	8.90	-	9.00	9.00	9.20	9.10	9.20	9.40R
15	8.20	8.00	8.40	9.00	8.00	9.00	9.50	10.00R
16	8.50	8.00R	8.40	9.00	8.00	9.00	9.50	10.00R
17	9.10R	9.40R	9.14	9.10	10.00R	9.40R	9.10	10.00R
18	8.40R	8.40	8.56	8.84	8.00	9.00	9.00	9.00
19	8.80	10.00	10.00R	9.90R	9.00	10.20	10.20	10.00
20	8.90R	9.40R	9.40	9.42	9.50R	9.46	9.20	9.20R
21	9.00	10.40R	10.10R	11.00	10.00	11.10	11.20	11.00R
22	9.90R	10.20R	11.00	11.00	11.00	11.10	11.00	11.70
23	-	9.20R	9.10	10.30R	10.50R	11.00	12.00R	12.00
24	9.00	10.00	9.92R	10.50	9.10	10.10	11.00	11.00
25	10.20	11.00R	C	8.24	8.00	C	10.20	9.94
26	9.10	9.10	8.86	8.24	8.00	9.00	9.90R	10.20
27	10.00R	10.00	9.10	8.30	8.20	8.50	9.50	8.00
28								
MEDIAN	9.00	9.44	9.14	9.42	9.27	9.44	9.90	10.00
S.D. MED	.62	.72	.77	.95	.84	.95	1.11	1.12
L. QUART	8.65	9.05	8.86	8.84	8.95	9.23	9.05	9.15
U. QUART	9.65	10.12	9.92	10.50	10.10	10.23	11.00	10.60
RANGE	1.02	.97	1.06	1.66	1.25	1.20	1.95	1.45
BLANK	0	0	0	0	0	0	0	0
ES	.50	1.00	1.00	1.00	.94	.93	.94	.00
SPRO F	0	0	0	0	0	0	0	0

CHARACTERISTIC. F072

IONOSPHERIC DATA
VERTICAL INCIDENCE
F072, 1967

SITE. SONCKELA
LOCAL STANDARD TIME

DAY /HR	1600	1700	1800	1900	2000	2100	2200	2300
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	10.00	10.70	10.70	7.45R	C	C	C	C
11	C	0.00	0.00	9.20	9.00R	0.00R	C	C
12	0.50	0.90	0.20	N	0.50R	F	C	C
13	10.24	10.40	10.40R	0.60	N	F	C	C
14	10.60R	0.20R	0.00	0.90R	9.12R	F	C	C
15	0.80R	0.00R	0.70R	0.92R	0.60R	9.00R	10.20R	0.60R
16	0.90R	0.00R	0.00R	10.02R	S	F	F	F
17	0.90R	0.00R	11.40R	0.96	9.62	F	7.65R	F
18	10.66	0.00	0.00	10.22	9.20R	F	0.40R	9.00R
19	0.00	0.40R	10.50R	0.60	7.65R	F	F	N
20	10.20R	0.00	0.40R	0.20R	10.20R	0.50R	F	N
21	0.20R	0.40R	0.40R	0.60	9.20R	F	F	F
22	11.50R	10.50	9.00	9.20R	7.50R	F	F	F
23	12.06R	11.06R	10.30R	11.00R	10.20R	0.50R	F	F
24	12.04R	N	N	10.00R	F	F	F	F
25	10.30	11.50R	11.52R	10.60R	F	F	F	F
26	10.00	0.00R	10.02	10.92R	F	F	F	F
27	11.00	11.00R	N	10.04R	F	F	F	F
28	0.60	0.90	-	0.10R	F	F	F	F
MEDIAN	10.00	10.60	9.44	9.00	9.05	0.65	0.75	0.00
S.D. MED	1.15	1.06	1.06	1.00	0.75	0.66	0.95	0.00
L QUART	9.00	9.06	9.00	0.60	0.85	0.40	0.05	0.00
U QUART	10.25	10.09	10.00	10.12	9.41	0.95	0.60	0.00
RANGE	1.35	1.04	1.00	1.52	0.86	0.95	1.55	0.00
BLANK	0	0	0	0	0	0	0	0
LS	0	0	0	0	0	0	0	0
SPRO F	0	0	0	0	0.47	0.76	0.76	0.85

IONOSPHERIC DATA
VERTICAL INCIDENCE
FEB., 1967

SITE. SONGKHLA
LOCAL STANDARD TIME

398

CHARACTERISTIC. H FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE
FEB., 1967

SITE. SONGKHLA
LOCAL STANDARD TIME

DAY /HR	005	095	1035	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C
MEDIAN	0	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0	0
L. QUART	0	0	0	0	0	0	0	0
U. QUART	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

IONOSPHERIC DATA
VERTICAL INCIDENCE
FEB., 1967

FD-302 (Rev. 1-25-60)

**SIZE. BONGHEA
LOCAL STANDARD TIME**

DAY 168

[illegible]

**MEDIAN
S.D. MED
L. QUANT
U. QUANT
RANGE**

ATMOSPHERIC DATA
VERTICAL INCIDENCE

1967

SITE. SONGKHLA
LOCAL STANDARD TIME

[illegible]

CHARACTERISTIC. P-21

IONOSPHERIC DATA
VERTICAL INCIDENCE
FEB., 1967

SITE. SONOGULA
LOCAL STANDARD TIME

DAY /HR	000	015	105	1205	1305	1405	1505
1	U	U	U	U	U	U	U
2	U	U	U	U	U	U	U
3	U	U	U	U	U	U	U
4	U	U	U	U	U	U	U
5	U	U	U	U	U	U	U
6	U	U	U	U	U	U	U
7	U	U	U	U	U	U	U
8	U	U	U	U	U	U	U
9	U	U	U	U	U	U	U
10	U	U	U	U	U	U	U
11	U	U	U	U	U	U	U
12	U	U	U	U	U	U	U
13	U	U	U	U	U	U	U
14	U	U	U	U	U	U	U
15	U	U	U	U	U	U	U
16	U	U	U	U	U	U	U
17	U	U	U	U	U	U	U
18	U	U	U	U	U	U	U
19	U	U	U	U	U	U	U
20	U	U	U	U	U	U	U
21	U	U	U	U	U	U	U
22	U	U	U	U	U	U	U
23	U	U	U	U	U	U	U
24	U	U	U	U	U	U	U
25	U	U	U	U	U	U	U
26	U	U	U	U	U	U	U
27	U	U	U	U	U	U	U
28	U	U	U	U	U	U	U
29	U	U	U	U	U	U	U
30	U	U	U	U	U	U	U
MEDIAN	U	U	U	U	U	U	U
S.O. MED	U	U	U	U	U	U	U
L QUANT	U	U	U	U	U	U	U
U QUANT	U	U	U	U	U	U	U
RANGE	U	U	U	U	U	U	U

IONOSPHERIC DATA
VERTICAL INCIDENCE
FEB., 1967

[illegible]404

[illegible]

CHARACTERISTIC. F0ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

FEB., 1967

SITE: SONGKHLA
LOCAL STANDARD TIME

DAY /HR	0	105	205	305	405	505	605	705
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
MEDIAN								
S.D. MED								
U QUART								
RANGE								

CHARACTERISTIC. 50ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

FEB., 1967

SITE. SONGKHLA
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	7.00L	8.800	14.000	14.000	15.000	15.000	14.600	9.100
12	-	8.700	11.400	12.000	15.000	15.000	C	C
13	-	7.90L	9.000	11.200	11.000	15.000	14.100	11.000
14	-	8.500	13.100	12.000	13.920	11.780	11.200	10.000
15	-	8.00L	11.000	11.200	14.600	14.000	13.600	10.100
16	7.00L	8.300	8.800	13.600	14.200	15.000	11.200	9.000
17	5.60L	8.200	11.000	C	9.80L	14.300	11.400	9.100
18	7.00L	8.200	10.920	14.920	15.000	14.300	9.000	8.200
19	-	8.300	11.220	11.920	12.960	12.300	12.320	7.720
20	-	6.80L	8.100	8.500	11.060	8.400	8.300	5.90L
21	-	8.200	11.200	14.400	12.800	13.300	13.200	9.100
22	-	8.400	9.000	13.100	9.100	8.300	6.52L	-
23	7.00L	9.000	13.100	13.100	9.000	-	-	-
24	8.300	9.100	8.600	11.600	9.100	8.900	11.100	6.10L
25	8.200	6.000	11.300	14.100	14.000	C	14.600	8.920
26	8.90L	11.000	C	14.100	C	14.020	13.200	8.900
27	9.000	9.000	14.200	14.000	14.900	14.300	15.300	15.000
28	6.90L	9.000	14.100	15.000	14.90	14.300	15.300	15.000
MEDIAN	7.00	8.59	11.22	13.10	13.44	13.50	12.08	9.00
S.D. MED	1.02	.82	1.93	2.09	2.41	2.50	2.84	2.24
L. QUART	6.90	8.20	9.00	11.20	10.43	11.10	10.05	7.72
U. QUART	8.20	9.00	13.10	14.25	14.85	14.50	13.95	10.00
RANGE	1.30	.80	4.10	3.05	4.42	3.20	5.25	2.28

CHARACTERISTIC. FOES

IONOSPHERIC DATA
VERTICAL INCIDENCE
FEB., 1967

SITE. SONOMA
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	5.65L	4.30L	C	C	C	C	C	C
11	C	6.55L	C	C	C	C	C	C
12	9.000	10.300	10.800	C	C	C	C	C
13	10.000	5.00L	16.000	C	C	C	C	C
14	9.600	16.000	16.000	C	C	C	C	C
15	9.900	-	-	C	C	C	C	C
16	10.000	-	-	C	C	C	C	C
17	0.740	-	-	C	C	C	C	C
18	0.000	-	-	C	C	C	C	C
19	0.200	-	-	C	C	C	C	C
20	5.03L	5.85L	-	C	C	C	C	C
21	-	8.040	-	C	C	C	C	C
22	-	N	-	C	C	C	C	C
23	-	-	-	C	C	C	C	C
24	-	-	-	C	C	C	C	C
25	10.000	7.350	14.200	C	C	C	C	C
26	9.000	13.400	-	C	C	C	C	C
27	11.000	-	-	C	C	C	C	C
28	-	-	-	C	C	C	C	C
MEDIAN	9.00	7.35	14.20	..	..	..	..	..
S.D. MED	1.49	3.90	2.22	..	..	..	..	..
L QUART	8.47	5.87	10.80	..	..	..	..	..
U QUART	10.00	11.85	16.00	..	..	..	..	..
RANGE	1.53	5.98	5.20	..	..	..	..	..

CHARACTERISTIC. H ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

FEB., 1957

SITE. SONCKWLA
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	102	105	104	101	105	102	110	110
12	-	105	105	112	105	102	110	104
13	-	105	105	110	105	102	110	104
14	-	101	105	105	105	108	111	106
15	-	105	101	104	104	101	111	106
16	-	104	105	105	102	101	114	113
17	110	104	105	105	105	101	112	112
18	105	103	105	105	105	101	112	104
19	-	105	105	105	105	108	110	106
20	-	105	105	102	110	108	110	111
21	-	105	105	110	104	110	110	102
22	-	110	105	105	105	102	111	100
23	-	101	105	105	105	102	111	-
24	105	106	105	102	105	100	105	110
25	105	105	105	101	101	105	105	110
26	105	110	105	105	105	105	105	110
27	110	100	105	105	105	100	104	105
28	110	102	105	102	101	105	102	-
MEDIAN	107	105	105	105	105	102	104	106
S.D. MED	5.15	2.01	2.44	3.55	2.52	3.79	3.72	3.49
L QUART	105	103	103	102	102	101	102	103
H QUART	110	105	105	107	105	108	109	110
RANGE	5	2	2	6	3	7	7	7

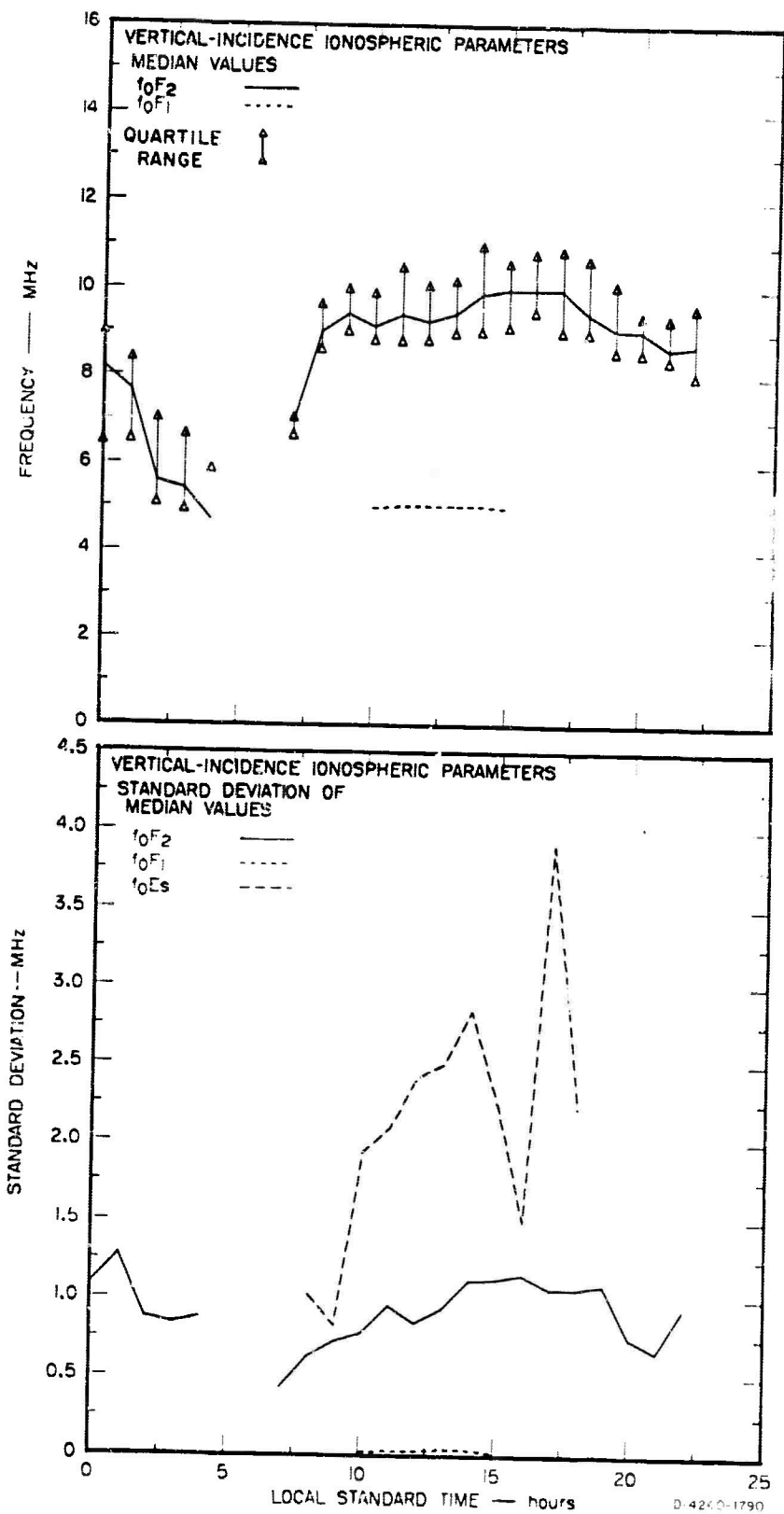
CHARACTERISTIC. MES

IONOSPHERIC DATA
VERTICAL INCIDENCE

FEB., 1967

SITE. SONGKHLA
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	102	110	110	110	110	110	110	110
2	102	110	110	110	110	110	110	110
3	102	110	110	110	110	110	110	110
4	102	110	110	110	110	110	110	110
5	102	110	110	110	110	110	110	110
6	102	110	110	110	110	110	110	110
7	102	110	110	110	110	110	110	110
8	102	110	110	110	110	110	110	110
9	102	110	110	110	110	110	110	110
10	102	110	110	110	110	110	110	110
11	102	110	110	110	110	110	110	110
12	102	110	110	110	110	110	110	110
13	102	110	110	110	110	110	110	110
14	102	110	110	110	110	110	110	110
15	102	110	110	110	110	110	110	110
16	102	110	110	110	110	110	110	110
17	102	110	110	110	110	110	110	110
18	102	110	110	110	110	110	110	110
19	102	110	110	110	110	110	110	110
20	102	110	110	110	110	110	110	110
21	102	110	110	110	110	110	110	110
22	102	110	110	110	110	110	110	110
23	102	110	110	110	110	110	110	110
24	102	110	110	110	110	110	110	110
25	102	110	110	110	110	110	110	110
26	102	110	110	110	110	110	110	110
27	102	110	110	110	110	110	110	110
28	102	110	110	110	110	110	110	110
MEDIAN	110	110	110	110	110	110	110	110
S.D. MED	5.59	5.08	4.62	4.62	4.62	4.62	4.62	4.62
L QUART	105	105	110	110	110	110	110	110
U QUART	110	110	110	110	110	110	110	110
RANGE	5	10	10	10	10	10	10	10



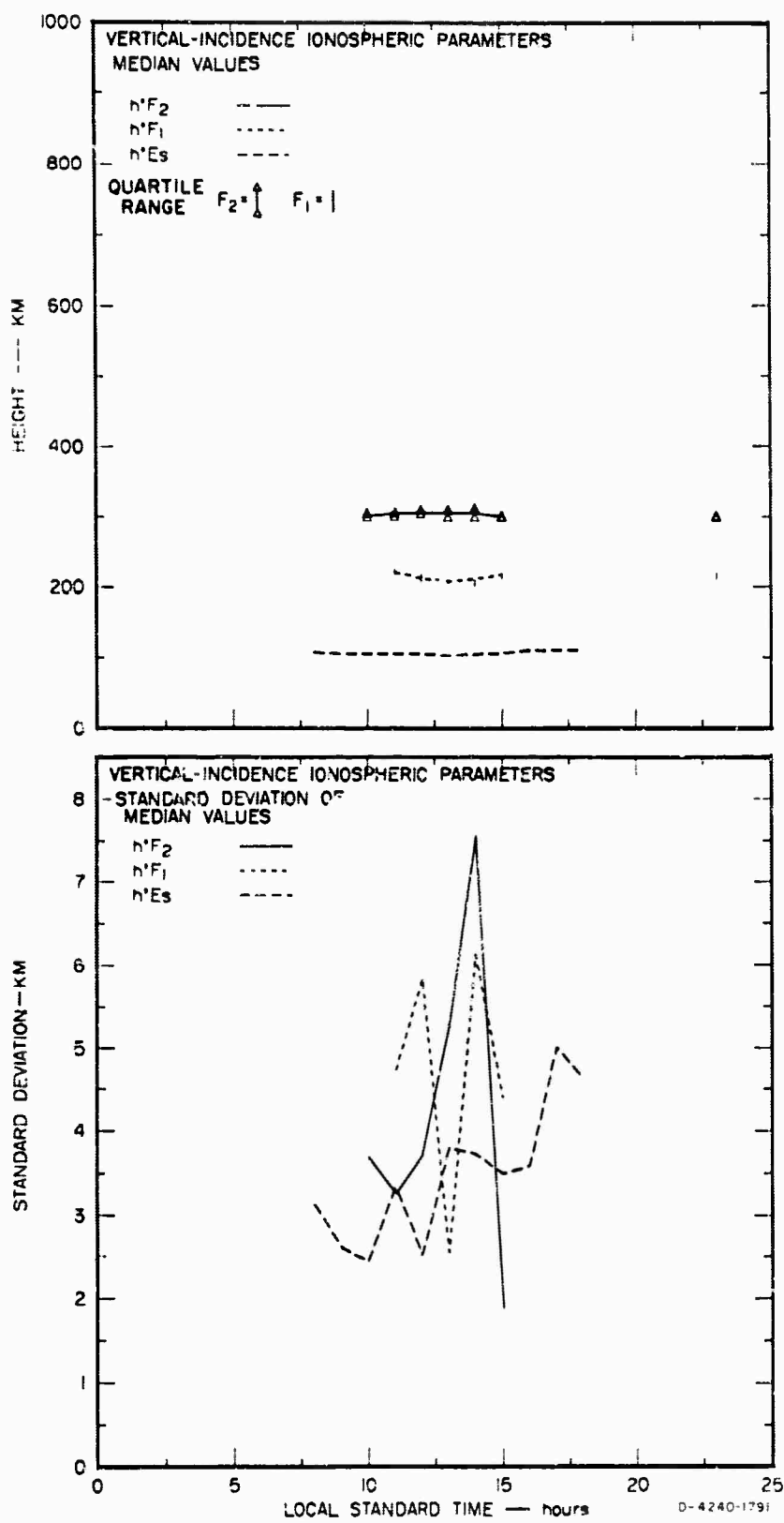


FIG. 51 VIRTUAL HEIGHT SUMMARY, SONGKHLA, FEBRUARY, 1967

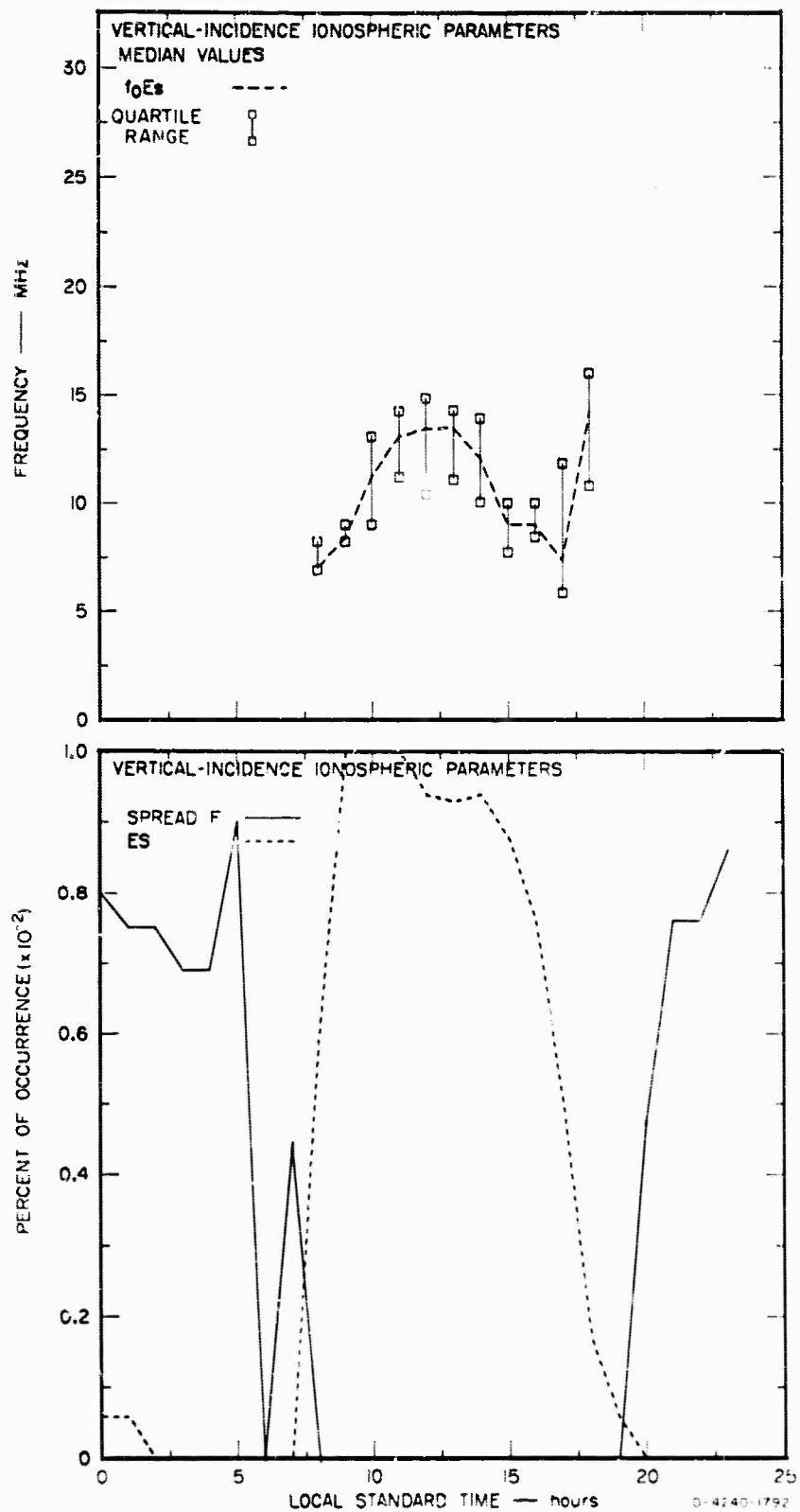


FIG. 52 SPORADIC E AND SPREAD F SUMMARY, SONGKHLA, FEBRUARY, 1967

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IV IONOSPHERIC DATA

F. Chiengmai

Pages 418 through 435 present ionospheric data for the month of November 1966.

Pages 436 through 456 present ionospheric data for the month of December 1966.

Pages 457 through 477 present ionospheric data for the month of January 1967.

Pages 478 through 498 present ionospheric data for the month of February 1967.

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE
NOV.. 1966

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	5.92	5.45	6.88	4.59				5.52
2	7.62R	7.58		5.94				5.58
3	5.96	4.55						6.01
4								5.77
5								
6								
7								
8								
9								
10								
11								
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29								

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV., 1966

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1205	1305	1405	1505
1	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C
25	7.60	10.12	11.22	11.25	11.16	11.08	C
26	8.20	10.24	11.08	11.61	11.2	11.10	C
27	C	10.80	11.22	11.82	11.15	11.92	C
28	8.02	11.24	11.0	C	12.55	1.24	C
29	9.0	9.20	10.52	11.22	10.72	C	C
30	C	C	11.52	10.43	11.10	11.20	C

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV., 1966

SITE: CHIFENGMAI
LOCAL STANDARD TIME

DAY /HR 1605	1705	1805	1905	2005	2105	2205	2305
1	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C
24	11.92	11.88	11.90R	7.82	8.76R	7.68R	6.40
25	C	C	C	C	C	C	C
26	11.10	11.80	10.20	7.90	7.80	6.24	4.91
27	11.52	12.06R	11.62R	C	C	C	C
28	11.58R	12.40R	10.63	8.88R	8.58R	8.66	7.46
29							
30							

CHARACTERISTIC. H FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV., 1965

SITE. CHIERNAI
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	U	U	U	U	U	U	U	U
2	U	U	U	U	U	U	U	U
3	U	U	U	U	U	U	U	U
4	U	U	U	U	U	U	U	U
5	U	U	U	U	U	U	U	U
6	U	U	U	U	U	U	U	U
7	U	U	U	U	U	U	U	U
8	U	U	U	U	U	U	U	U
9	U	U	U	U	U	U	U	U
10	U	U	U	U	U	U	U	U
11	U	U	U	U	U	U	U	U
12	U	U	U	U	U	U	U	U
13	U	U	U	U	U	U	U	U
14	U	U	U	U	U	U	U	U
15	U	U	U	U	U	U	U	U
16	U	U	U	U	U	U	U	U
17	U	U	U	U	U	U	U	U
18	U	U	U	U	U	U	U	U
19	U	U	U	U	U	U	U	U
20	U	U	U	U	U	U	U	U
21	U	U	U	U	U	U	U	U
22	U	U	U	U	U	U	U	U
23	U	U	U	U	U	U	U	U
24	U	U	U	U	U	U	U	U
25	U	U	U	U	U	U	U	U
26	U	U	U	U	U	U	U	U
27	U	U	U	U	U	U	U	U
28	U	U	U	U	U	U	U	U
29	U	U	U	U	U	U	U	U
30	U	U	U	U	U	U	U	U

CHARACTERISTIC, H FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV., 1966

SITE, CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1								
2								
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IONOSPHERIC DATA
VERTICAL INCIDENCE
NOV., 1966

**SITE. CHIENGAI
LOCAL STANDARD TIME**

NOV. 1966

[illegible]

CHARACTERISTIC. FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV., 1966

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C

IONOSPHERIC DATA
VERTICAL INCIDENCE

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY 7HR 1605

DAY

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

[illegible]

1905

1905

2005

CCCCCCCCCCCCCCCCCCCCCCCCCC,CC,C

[illegible][illegible][illegible]

5561 - ACN
3:03:12.41 7921.123A
VLTQ 218H450H:01

NOV. 1955

SITE: CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C

CHARACTERISTIC. H FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE
NOV., 1966

SITE, CHIENGMAI LOCAL STANDARD TIME											
DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305			
1	U	U	U	U	U	U	U	U			
2	U	U	U	U	U	U	U	U			
3	U	U	U	U	U	U	U	U			
4	U	U	U	U	U	U	U	U			
5	U	U	U	U	U	U	U	U			
6	U	U	U	U	U	U	U	U			
7	U	U	U	U	U	U	U	U			
8	U	U	U	U	U	U	U	U			
9	U	U	U	U	U	U	U	U			
10	U	U	U	U	U	U	U	U			
11	U	U	U	U	U	U	U	U			
12	U	U	U	U	U	U	U	U			
13	U	U	U	U	U	U	U	U			
14	U	U	U	U	U	U	U	U			
15	U	U	U	U	U	U	U	U			
16	U	U	U	U	U	U	U	U			
17	U	U	U	U	U	U	U	U			
18	U	U	U	U	U	U	U	U			
19	U	U	U	U	U	U	U	U			
20	U	U	U	U	U	U	U	U			
21	U	U	U	U	U	U	U	U			
22	U	U	U	U	U	U	U	U			
23	U	U	U	U	U	U	U	U			
24	U	U	U	U	U	U	U	U			
25	U	U	U	U	U	U	U	U			
26	U	U	U	U	U	U	U	U			
27	U	U	U	U	U	U	U	U			
28	U	U	U	U	U	U	U	U			
29	U	U	U	U	U	U	U	U			
30	U	U	U	U	U	U	U	U			

CHARACTERISTIC. FOES

IONOSPHERIC DATA
VERTICAL INCIDENCE
NOV., 1966

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	U	U	U	U	U	U	U	U
2	U	U	U	U	U	U	U	U
3	U	U	U	U	U	U	U	U
4	U	U	U	U	U	U	U	U
5	U	U	U	U	U	U	U	U
6	U	U	U	U	U	U	U	U
7	U	U	U	U	U	U	U	U
8	U	U	U	U	U	U	U	U
9	U	U	U	U	U	U	U	U
10	U	U	U	U	U	U	U	U
11	U	U	U	U	U	U	U	U
12	U	U	U	U	U	U	U	U
13	U	U	U	U	U	U	U	U
14	U	U	U	U	U	U	U	U
15	U	U	U	U	U	U	U	U
16	U	U	U	U	U	U	U	U
17	U	U	U	U	U	U	U	U
18	U	U	U	U	U	U	U	U
19	U	U	U	U	U	U	U	U
20	U	U	U	U	U	U	U	U
21	U	U	U	U	U	U	U	U
22	U	U	U	U	U	U	U	U
23	U	U	U	U	U	U	U	U
24	U	U	U	U	U	U	U	U
25	U	U	U	U	U	U	U	U
26	U	U	U	U	U	U	U	U
27	U	U	U	U	U	U	U	U
28	U	U	U	U	U	U	U	U
29	U	U	U	U	U	U	U	U

IONOSPHERIC DATA VERTICAL INCIDENCE

NOV., 1965

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0

CHARACTERISTIC. F0ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV., 1965

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C
25	5.58L	C	C	C	C	C	C	C
26	C	5.97L	C	C	C	C	C	C
27	6.55L	6.03L	C	C	C	C	C	C
28	6.40L	C	C	C	C	C	C	C
29	11.82Q	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C

CHARACTERISTIC. H ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV., 1966

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	U	U	U	U	U	U	U	U
2	U	U	U	U	U	U	U	U
3	U	U	U	U	U	U	U	U
4	U	U	U	U	U	U	U	U
5	U	U	U	U	U	U	U	U
6	U	U	U	U	U	U	U	U
7	U	U	U	U	U	U	U	U
8	U	U	U	U	U	U	U	U
9	U	U	U	U	U	U	U	U
10	U	U	U	U	U	U	U	U
11	U	U	U	U	U	U	U	U
12	U	U	U	U	U	U	U	U
13	U	U	U	U	U	U	U	U
14	U	U	U	U	U	U	U	U
15	U	U	U	U	U	U	U	U
16	U	U	U	U	U	U	U	U
17	U	U	U	U	U	U	U	U
18	U	U	U	U	U	U	U	U
19	U	U	U	U	U	U	U	U
20	U	U	U	U	U	U	U	U
21	U	U	U	U	U	U	U	U
22	U	U	U	U	U	U	U	U
23	U	U	U	U	U	U	U	U
24	U	U	U	U	U	U	U	U
25	U	U	U	U	U	U	U	U
26	U	U	U	U	U	U	U	U
27	U	U	U	U	U	U	U	U
28	U	U	U	U	U	U	U	U
29	U	U	U	U	U	U	U	U

CHARACTERISTIC. MES

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV., 1966

SITE: CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	815	905	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C

CHARACTERISTIC. H ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV., 1966

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	112.0	110	108					
2	109							
3	112							
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
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22								
23								
24								
25								
26								
27								
28								
29								
30								

CHARACTERISTIC, FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

DEC., 1965

SITE, CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	7.50R	7.86R	6.21R	C	C	C	C	5.80
2	6.55	5.70	5.80R	C	C	C	C	C
3	6.65	4.90	C	5.80R	C	C	C	5.49
4	5.50	7.00	5.60	C	C	C	C	5.20
5	5.90	C	4.50	C	C	C	C	6.21R
6	C	4.64	4.71	C	C	C	C	4.98
7	4.50	4.55	4.95	C	C	C	C	4.70
8	4.55	4.55	4.55	4.50	C	C	C	5.30
9	7.06	6.30	6.55	4.70	4.50	C	C	5.35
10	6.30	5.50	4.55	4.90	C	C	C	5.00
11	6.05R	5.51	4.40	4.60	C	C	C	5.40
12	C	4.50	5.70	4.70	C	C	C	5.00
13	6.15	6.90	C	C	C	C	C	4.50
14	C	C	5.70	C	C	C	C	7.50
15	9.94	8.46	8.00R	C	7.77R	C	C	C
16	8.64	8.30R	6.50R	8.62	4.55	C	C	4.95
17	5.55	5.20	5.00	6.00	C	C	C	6.20
18	6.50	5.75	C	4.65	C	C	C	5.80
19	6.55	6.20	C	C	4.60	C	C	5.40
20	7.45	6.55	5.50	5.45	C	C	C	5.45
21	6.50	6.30	5.50	5.35	C	C	C	5.15
22	6.50	6.30	5.50	5.30	C	C	C	5.40
MEDIAN	6.50	5.79	5.00	4.67	...	...	...	5.40
S.D. MED	1.34	1.21	1.09	1.29	...	...	...	5.67
U QUART	5.02	5.05	4.40	5.46	...	...	...	5.05
V QUART	7.02	6.76	5.80	5.42	4.50	...	...	5.80
RANGE	2.00	1.71	1.40	5.42	4.90	...	...	5.82
BLANK	2.00	2.00	4.00	5.70	11.00	4.00	20.00	0
ES	0	.05	.11	.07	0	0	0	0
SPRD F	.05	.05	.05	.07	.20	0	0	.35

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE
DEC., 1966

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	8.90	11.98R	C	12.64	12.55R	12.60R	12.16	C
2	C	C	12.00	11.00	11.08	10.80	10.98R	10.80R
3	8.60R	10.86	11.08	10.88	11.00	10.90	11.00	10.72R
4	7.55	10.40	11.56R	10.60	10.90	10.98	10.90R	11.00
5	8.90	12.00R	10.80	11.90	12.00	12.80	13.70	13.32
6	8.92	12.00	12.60	11.98	11.96	12.20	13.42	13.96
7	7.82	10.60	12.10	12.06	12.10	11.70	11.92	12.40
8	9.02	11.00	11.00	12.00R	12.50	12.30	15.10R	13.72R
9	8.60	11.56R	12.16R	10.76	13.48	10.80	11.00	11.90
10	8.00	10.80	12.40	13.90	10.88	11.10	11.96	10.90
11	8.20R	10.60	13.00	14.00	13.10	13.90	13.40	13.20
12	7.98	10.90R	10.72	10.60	10.72	10.94	10.88R	10.55R
13	7.70	10.40	11.20R	10.50	9.00	10.10	10.60	11.10R
14	8.80	11.30R	12.20	11.90R	11.00	11.00	12.10R	12.50
15	10.60	12.62R	13.60	13.00	13.05	11.95	C	12.65
16	8.95	13.10	14.60	13.00	11.50R	11.10R	11.00	11.96R
17	9.00	10.48	12.92R	12.60	11.92R	11.80R	11.00	11.00
18	8.90	C	11.95R	12.58	12.10R	12.10R	11.90	11.00
19	8.06	8.80	12.40R	13.90	11.95	11.95	11.95	12.30
20	8.76	11.10	12.20	11.00R	11.00	11.95	11.95	12.20
21	8.70	10.12	12.48	13.95	12.40	12.60	13.70	13.32
22	10.60	12.96R	C	C	C	C	C	C
MEDIAN	8.76	10.90	12.18	12.00	11.95	11.88	11.90	12.08
S.D. MED	8.77	1.16	1.93	1.18	1.07	1.06	1.20	1.04
L QUERT	8.03	10.50	11.58	11.90	11.70	10.89	11.30	11.00
U QUERT	8.90	12.50	12.50	13.00	12.25	12.40	12.80	12.90
RANGE	.90	.96	.96	2.06	1.30	1.50	1.28	1.90
BLANK	0	0	0	0	0	0	0	0
ES	.10	.15	.45	.40	.50	.40	.35	.35
SPRD F	0	0	0	0	0	0	0	0

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

DEC., 1966

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	1645	1705	1805	1905	2005	2105	2215	2315
1	10.86R	12.00R	11.94	10.68	10.10	11.31	9.91	9.28
2	10.56	11.40	10.81	11.02	8.96	9.00	9.88R	8.30
3	11.36	12.53	11.20	9.40R	9.00	7.60	7.00	6.30
4	11.80	12.10R	11.20	9.10	8.88	7.92	7.40R	6.22
5	11.56	14.00	12.72	9.20	7.51R	7.02	7.00	5.35
6	13.00	12.64	12.92R	9.60	8.88	7.57	6.52R	5.35R
7	12.00	12.56	12.69	11.80	10.00	10.00R	8.40	5.55
8	12.40R	13.20	12.60R	10.60	8.40	8.60	7.80	6.50R
9	11.00	12.00R	12.30R	10.60	10.60	10.70	8.50	7.20
10	11.00	12.00R	12.16R	10.60	10.60	11.72	10.00	7.60
11	11.56	12.06R	12.62R	12.45	10.22	10.80	9.55	7.30
12	10.40	12.10R	12.02R	10.65	8.52	9.02	9.55	7.80R
13	11.00	11.20	10.40	8.20	9.60	10.80R	9.00	9.00
14	12.02R	11.50	11.12	9.10	9.00	10.00	10.00	9.00
15	12.02R	11.56	11.22R	13.96	11.56R	10.58	10.00	10.52R
16	11.00	12.02R	12.10R	12.53	10.60	10.00	9.10	8.20R
17	11.00	12.02R	13.06	12.20	10.60	10.00	9.50R	6.50
18	11.00	12.52R	12.50R	11.00	11.00	11.35	11.00	8.50
19	13.00	13.80	11.32	8.60	10.20	10.35	8.00	7.20
20	13.10	12.60	13.00	11.50	10.20	10.10	8.00	9.10
21	12.02R	15.28R	15.20R	10.60	9.00	8.00	8.00	6.55
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
MEAN	11.96	12.54	12.40	10.60	9.00	10.00	8.55	7.70
1 QUART	11.91	12.35	11.14	1.24	1.10	1.57	1.22	1.44
3 QUART	12.00	12.85	11.63	9.30	8.72	8.60	7.60	6.22
RANGE	1.00	.82	1.03	11.95	10.22	11.76	9.27	8.82
BLANK	.00	.00	.00	2.63	1.28	2.16	2.37	2.00
ES	.35	.25	.19	.10	.00	.10	.00	.05
SPD F								

CHARACTERISTIC. H FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

DEC., 1966

817E. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	-	-	-	0	0	0	0	0
2	-	-	0	0	0	0	0	0
3	-	-	0	0	0	0	0	0
4	-	-	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0
10	-	-	0	0	0	0	0	0
11	-	-	0	0	0	0	0	0
12	-	-	0	0	0	0	0	0
13	-	-	0	0	0	0	0	0
14	-	-	0	0	0	0	0	0
15	-	-	0	0	0	0	0	0
16	-	-	0	0	0	0	0	0
17	-	-	0	0	0	0	0	0
18	-	-	0	0	0	0	0	0
19	-	-	0	0	0	0	0	0
20	-	-	0	0	0	0	0	0
21	-	-	0	0	0	0	0	0
22	-	-	0	0	0	0	0	0
MEDIAN	0	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0	0
L QUART	0	0	0	0	0	0	0	0
U QUART	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

CHARACTERISTIC. H F0F2

IONOSPHERIC DATA
VERTICAL INCIDENCE

DEC., 1966

SITE. CHIENCHAI
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	-	310	C	310	348	307	305	C
2	C	C	300	320	338	331	320	-
3	-	-	300	320	335	335	320	-
4	-	-	-	325	350	330	325	300
5	-	-	-	300	300	310	305	-
6	300	300	300	300	306	300	305	300
7	-	-	300	300	300	332	300	-
8	-	-	-	300	320	330	300	-
9	-	-	-	312	325	330	-	-
10	-	300	302	325	300	-	-	-
11	-	-	300	305	-	300	320	-
12	-	-	302	-	320	320	312	-
13	315	-	-	325	300	-	C	-
14	-	-	300	300	300	302	-	-
15	-	-	300	300	300	320	320	-
16	-	-	300	300	300	300	320	-
17	-	-	305	310	320	320	320	-
18	-	C	300	310	-	308	310	-
19	-	-	300	315	300	304	-	300
20	-	-	-	315	300	300	305	-
21	-	-	C	315	300	300	-	C
22	300	-	-	-	C	C	-	-
MEDIAN	0	300	300	305	326	319	316	300
S.D. MED	0	0.06	1.59	5.39	20.28	14.06	12.35	0
L QUART	0	300	300	300	300	300	305	300
U QUART	0	312	301	310	330	330	320	300
RANGE	0	12	1	10	30	30	15	0

CHARACTERISTIC. H FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE
DEC., 1966

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-
MEDIAN	0	0	0	0	0	0	0	0
STANDARD	0	0	0	0	0	0	0	0
L QUART	0	0	0	0	0	0	0	0
U QUART	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

CHARACTERISTIC. F9F1

IONOSPHERIC DATA
VERTICAL INCIDENCE
DEC., 1966

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
MEDIAN	0	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0	0
L QUART	0	0	0	0	0	0	0	0
U QUART	0	0	0	0	0	0	0	0
RAISE	0	0	0	0	0	0	0	0

CHARACTERISTIC. FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE

DEC., 1966

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	-	5.00	5.00	5.00	5.00	4.99	5.00	5.00
2	C	C	5.00	4.97	4.99	5.00	4.99	C
3	-	5.01	5.01	5.01	5.01	5.01	5.00	-
4	-	-	5.00	5.00	5.00	5.01	5.01	5.00
5	-	-	5.03	5.00	5.00	4.99	5.01	-
6	-	-	5.00	5.00	5.02	5.00	5.00	5.00
7	-	-	5.05	5.02	5.02	5.02	5.02	-
8	-	-	5.02	5.00	5.01	5.05	5.02	-
9	-	5.00	5.01	5.01	5.01	5.01	-	5.04
10	-	-	5.02	5.00	5.02	5.05	5.01	-
11	-	-	5.03	5.00	5.00	5.01	5.00	-
12	-	5.00	5.00	5.00	5.00	5.00	5.00	-
13	-	-	5.00	5.00	5.00	5.01	5.00	-
14	-	-	5.00	5.00	5.00	5.00	C	-
15	-	-	5.00	5.02	5.02	5.05	5.00	-
16	-	-	5.00	5.00	5.02	5.02	5.02	-
17	-	-	5.00	5.00	5.00	5.00	5.02	-
18	-	C	5.00	5.02	5.00	5.01	5.00	-
19	-	-	5.00	5.02	5.00	5.01	5.00	5.00
20	-	-	5.00	5.01	5.01	5.01	5.02	-
21	-	-	-	4.99	5.04	4.99	5.02	C
22	-	5.02	C	C	C	C	C	C
PEDIAN	0	5.00	5.00	5.00	5.01	5.01	5.00	5.00
S.D. MED	0	.01	.02	.03	.01	.02	.01	.02
LOWERT	0	5.00	5.00	5.00	5.00	5.00	5.00	5.00
UPPERT	C	5.01	5.01	5.01	5.02	5.02	5.01	5.02
RANGE	0	.01	.01	.01	.02	.02	.01	.02

CHARACTERISTIC. FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE

DEC., 1966

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-
MEDIAN	0	0	0	0	0	0	0	0
S.D.MED	0	0	0	0	0	0	0	0
L QUART	0	0	0	0	0	0	0	0
U QUART	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

CHARACTERISTIC. H FOT1

IONOSPHERIC DATA
VERTICAL INCIDENCE
DEC., 1966

SITE: CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705	
1	-	-	-	0	0	0	0	0	
2	-	-	0	0	0	0	0	0	
3	-	-	0	0	0	0	0	0	
4	-	-	0	0	0	0	0	0	
5	0	0	0	0	0	0	0	0	
6	0	0	0	0	0	0	0	0	
7	0	0	0	0	0	0	0	0	
8	0	0	0	0	0	0	0	0	
9	0	0	0	0	0	0	0	0	
10	-	-	0	0	0	0	0	0	
11	-	-	0	0	0	0	0	0	
12	-	-	0	0	0	0	0	0	
13	-	-	0	0	0	0	0	0	
14	-	-	0	0	0	0	0	0	
15	-	-	0	0	0	0	0	0	
16	-	-	0	0	0	0	0	0	
17	-	-	0	0	0	0	0	0	
18	-	-	0	0	0	0	0	0	
19	-	-	0	0	0	0	0	0	
20	-	-	0	0	0	0	0	0	
21	-	-	0	0	0	0	0	0	
22	-	-	0	0	0	0	0	0	
MEDIAN	0	0	0	0	0	0	0	0	
S.D. MED	0	0	0	0	0	0	0	0	
L QUART	0	0	0	0	0	0	0	0	
U QUART	0	0	0	0	0	0	0	0	
RANGE	0	0	0	0	0	0	0	0	

CHARACTERISTIC. H FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE

DEC., 1966

SITE: CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	005	055	1005	1105	1205	1305	1405	1505
1	-	-	C	230	250	220	-	C
2	C	-	-	-	224	220	250	-
3	-	-	-	225	230	250	250	-
4	-	-	-	220	220	250	220	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	215	-	-	-
7	-	-	-	220	220	-	250	-
8	-	-	230	220	220	-	-	-
9	-	-	230	250	210	220	-	-
10	-	-	220	-	220	220	-	250
11	-	-	220	220	-	-	-	-
12	-	-	230	-	-	-	230	-
13	-	-	240	-	215	210	220	-
14	-	-	-	216	210	-	C	-
15	-	-	-	-	220	-	-	-
16	-	-	-	225	220	-	220	-
17	-	-	-	230	210	-	-	-
18	-	C	-	220	-	220	-	-
19	-	-	-	-	225	210	-	-
20	-	-	-	-	215	230	-	-
21	-	-	-	230	210	240	230	-
22	-	-	C	-	C	-	C	C
PEDIAN	0	0	230	225	220	220	230	..
S.D. MEI	0	0	9.35	9.35	10.56	13.82	14.53	..
L QUART	0	0	230	220	212	220	220	..
U QUART	0	0	240	230	220	230	250	..
RANGE	0	0	10	10	8	10	30	..

CHARACTERISTIC. H F0F1

IONOSPHERIC DATA
VERTICAL INCIDENCE

DEC., 1962

SITE, CHIENGMAI
LOCAL STANDARD TIME

DAY /HR 1605	1705	1805	1905	2005	2105	2205	2305
1	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-
MEDIAN	0	0	0	0	0	0	0
STD. DEV.	0	0	0	0	0	0	0
LOWEST	0	0	0	0	0	0	0
HIGHEST	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0

CHARACTERISTIC. FOES

IONOSPHERIC DATA
VERTICAL INCIDENCE

DEC., 1966

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	-	5.97F	5.93F	C	C	C	C	-
2	-	-	7.40F	-	C	C	C	-
3	-	-	-	-	C	C	C	-
4	-	-	-	-	C	C	C	-
5	-	-	-	-	C	C	C	-
6	C	-	-	-	C	C	C	-
7	-	-	-	-	C	C	C	-
8	-	-	-	-	C	C	C	-
9	C	-	-	-	C	C	C	-
10	-	-	-	-	C	C	C	-
11	-	-	-	-	C	C	C	-
12	-	-	-	-	C	C	C	-
13	-	-	-	-	C	C	C	-
14	-	-	-	-	C	C	C	-
15	-	-	-	-	C	C	C	-
16	-	-	-	-	C	C	C	-
17	-	-	-	-	C	C	C	-
18	-	-	-	-	C	C	C	-
19	-	-	-	-	C	C	C	-
20	-	-	-	-	C	C	C	-
21	-	-	-	-	C	C	C	-
22	-	-	-	-	C	C	C	-
MEDIAN	...	...	...	...	...	...	...	...
S.D. MED	...	...	...	...	...	...	...	...
L. QUART	...	...	...	...	...	...	...	...
U. QUART	...	...	...	...	...	...	...	...
RAI. E	0	..	..	..	0	0	0	0

CHARACTERISTIC. F0ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

DEC., 1955

SITE: CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	5.66L	6.55L	C	6.50L	6.91L	-	-	C
2	C	C	7.12L	-	6.51L	6.18L	-	-
3	-	-	-	-	7.40L	5.95L	6.41L	7.90L
4	-	-	-	-	6.49L	6.00L	-	-
5	-	-	-	-	-	-	6.60L	7.55L
6	-	-	6.90L	7.28L	-	6.65L	7.25L	5.98L
7	-	-	7.35L	8.00L	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	7.16L	-	-
10	-	-	6.00L	-	6.55L	6.81L	12.88Q	9.21L
11	-	-	-	-	7.31L	-	-	7.30L
12	-	-	6.25L	6.49L	5.73L	-	6.50L	-
13	-	-	7.08L	8.21L	6.21L	-	-	-
14	-	-	-	-	-	6.48L	-	-
15	-	-	-	11.04L	7.21L	6.48L	C	7.45L
16	-	-	-	-	-	-	-	-
17	-	-	6.50L	7.26L	6.55L	6.00L	4.05L	-
18	-	C	-	-	7.11L	6.01L	6.00L	7.10L
19	-	6.95L	7.10L	6.31L	6.31L	-	-	-
20	-	-	6.65L	6.31L	-	-	-	-
21	-	6.55L	C	C	-	-	-	-
22	-	-	C	-	C	C	C	C
MEDIAN	..	6.55	6.90	7.26	6.60	6.33	6.50	7.45
S.D. MED	..	.24	.24	1.65	.49	.39	2.51	.66
L QUART	..	6.55	6.37	6.49	6.39	6.13	6.00	7.10
U QUART	..	6.95	7.11	8.15	7.15	6.65	7.25	7.90
RANGE	..	.40	.74	1.61	.76	.65	1.25	.80

CHARACTERISTIC. F0ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

DEC., 1966

SITE: CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	6.95L	7.54L	5.60F	-	-	11.00F	7.60F	9.96F
2	-	9.96L	-	-	-	-	-	-
3	7.00L	6.00L	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	6.00L	6.50L	6.00F	-	-	-	-	-
6	-	7.55L	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	7.55F	-	-	5.92F	-	-
11	7.00L	-	5.50F	6.88F	-	-	-	-
12	6.85L	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	6.55L	-	-	-	-	-	-	-
20	7.55L	-	5.95F	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-
MEAN	6.95	7.54	5.95	-	-	-	-	-
MIN	6.55	6.25	5.02	-	-	-	-	-
MAX	7.55	8.75	6.77	-	-	-	-	-
STDEV	1.05	2.50	1.02	-	-	-	-	-

CHARACTERISTIC. M ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

DEC., 1966

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	-	108	112	C	C	C	C	-
2	-	-	109	100	C	C	C	-
3	-	-	-	-	C	C	C	-
4	-	-	C	C	C	C	C	-
5	C	-	-	C	C	C	C	-
6	-	-	-	C	C	C	C	-
7	-	-	-	-	-	C	C	-
8	C	-	-	-	-	C	C	-
9	-	-	C	-	-	C	C	-
10	-	-	-	-	-	C	C	-
11	-	-	-	-	-	C	C	-
12	-	-	-	-	-	C	C	-
13	-	-	-	-	-	C	C	-
14	-	-	-	-	-	C	C	-
15	-	-	-	-	-	C	C	-
16	-	-	-	-	-	C	C	-
17	-	-	-	-	-	C	C	-
18	-	-	-	-	-	C	C	-
19	-	-	-	-	-	C	C	-
20	-	-	-	-	-	C	C	-
21	-	-	-	-	-	C	C	-
22	-	-	-	-	-	C	C	-
MEDIAN	0	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0	0
L QUART	0	0	0	0	0	0	0	0
U QUART	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

CHARACTERISTIC. HES

IONOSPHERIC DATA
VERTICAL INCIDENCE
DEC., 1966

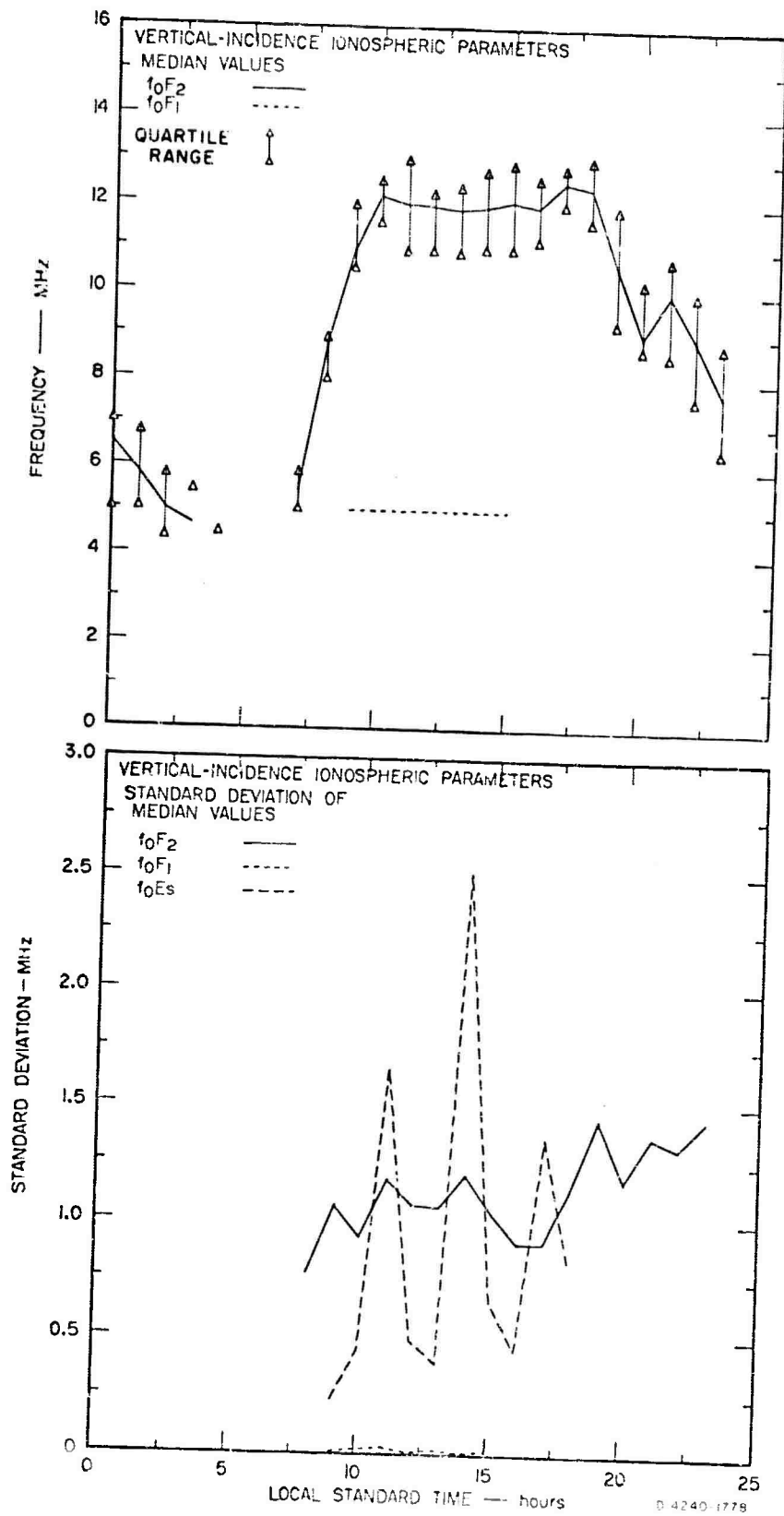
SITE, CHIENGMAI		LOCAL STANDARD TIME		905		1005		1105		1205		1305		1405		1505	
DAY /HR	805	905	1005	1105	1205	1305	1405	1505	1605	1705	1805	1905	2005	2105	2205	2305	2405
1	115	110	C	108	111	111	111	111	111	111	111	111	111	111	111	111	111
2	C	C	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111
3	-	-	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111
4	-	-	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111
5	-	-	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111
6	-	-	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111
7	-	-	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111
8	-	-	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111
9	-	-	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111
10	-	-	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111
11	-	-	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111
12	-	-	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111
13	-	-	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111
14	-	-	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111
15	-	-	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111
16	-	-	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111
17	-	-	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111
18	-	-	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111
19	-	-	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111
20	-	-	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111
21	-	-	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111
22	-	-	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111
MEDIAN	..	114	110	108	110	107	109	104	107	110	107	107	107	109	104	104	104
S.D. MED	..	2.38	.58	4.18	3.29	4.89	2.24	7.76	4.89	3.29	4.89	2.24	7.76	2.24	7.76	7.76	7.76
L. QUART	..	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110
U. QUART	..	115	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110
RANGE	..	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CHARACTERISTIC. H ES

IONOSPHERIC DATA
VERTICAL INCIDENCE
DEC., 1966

SITE: CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	110	102	112	-	-	112	110	106
2	-	102	-	-	-	-	-	-
3	100	102	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	110	-	-	-	-	-	-
6	112	110	101	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	105	-	-	-	-	-
11	107	-	115	-	-	115	-	-
12	110	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	108	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-
21	103	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-
DEC 14	108	102	108	-	-	-	-	-
5.00-5.20	4.02	5.12	5.55	-	-	-	-	-
5.20-5.40	4.03	5.10	5.53	-	-	-	-	-
5.40-5.60	4.04	5.10	5.53	-	-	-	-	-
5.60-5.80	4.05	5.10	5.53	-	-	-	-	-
5.80-6.00	4.06	5.10	5.53	-	-	-	-	-



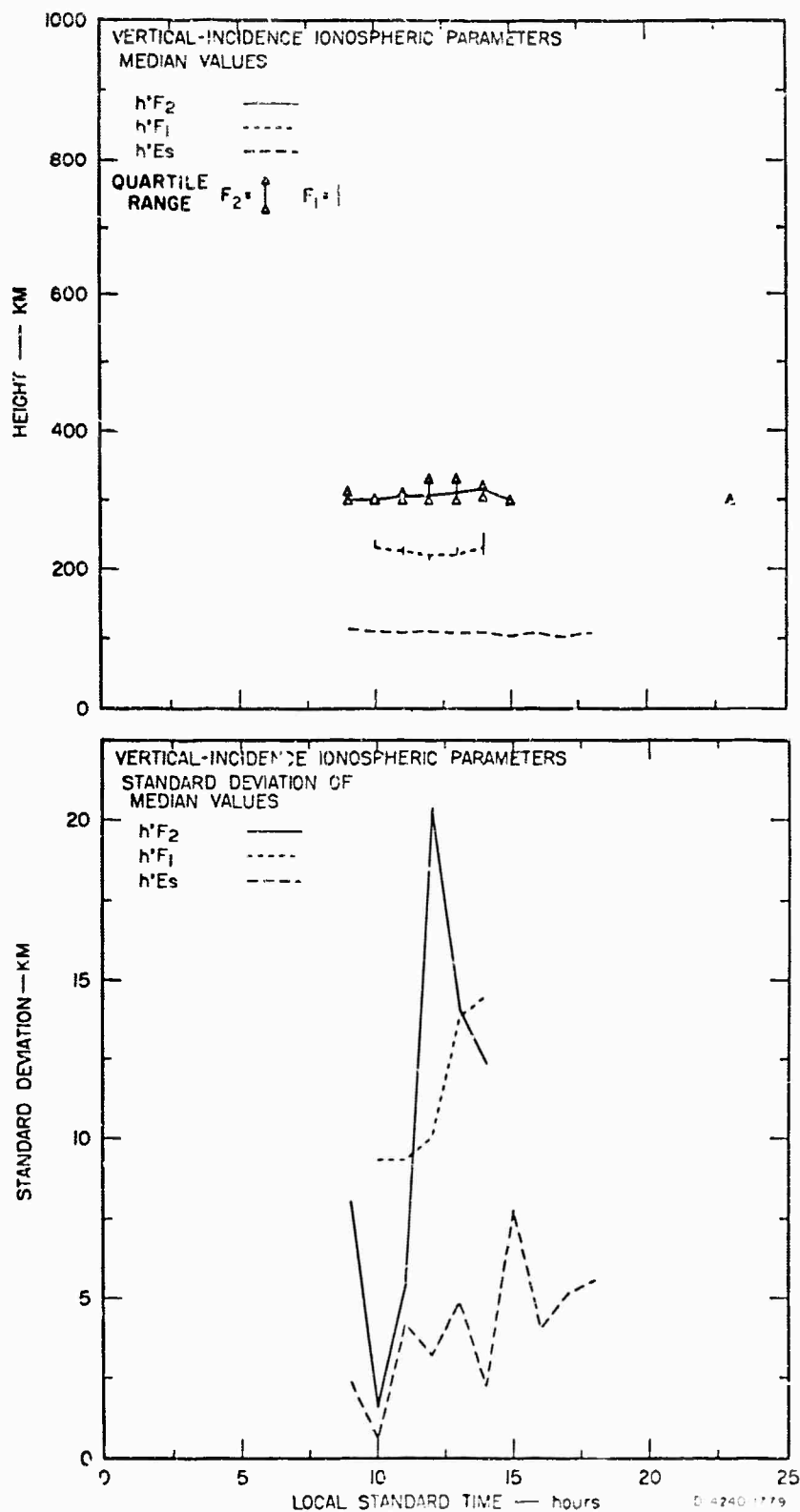
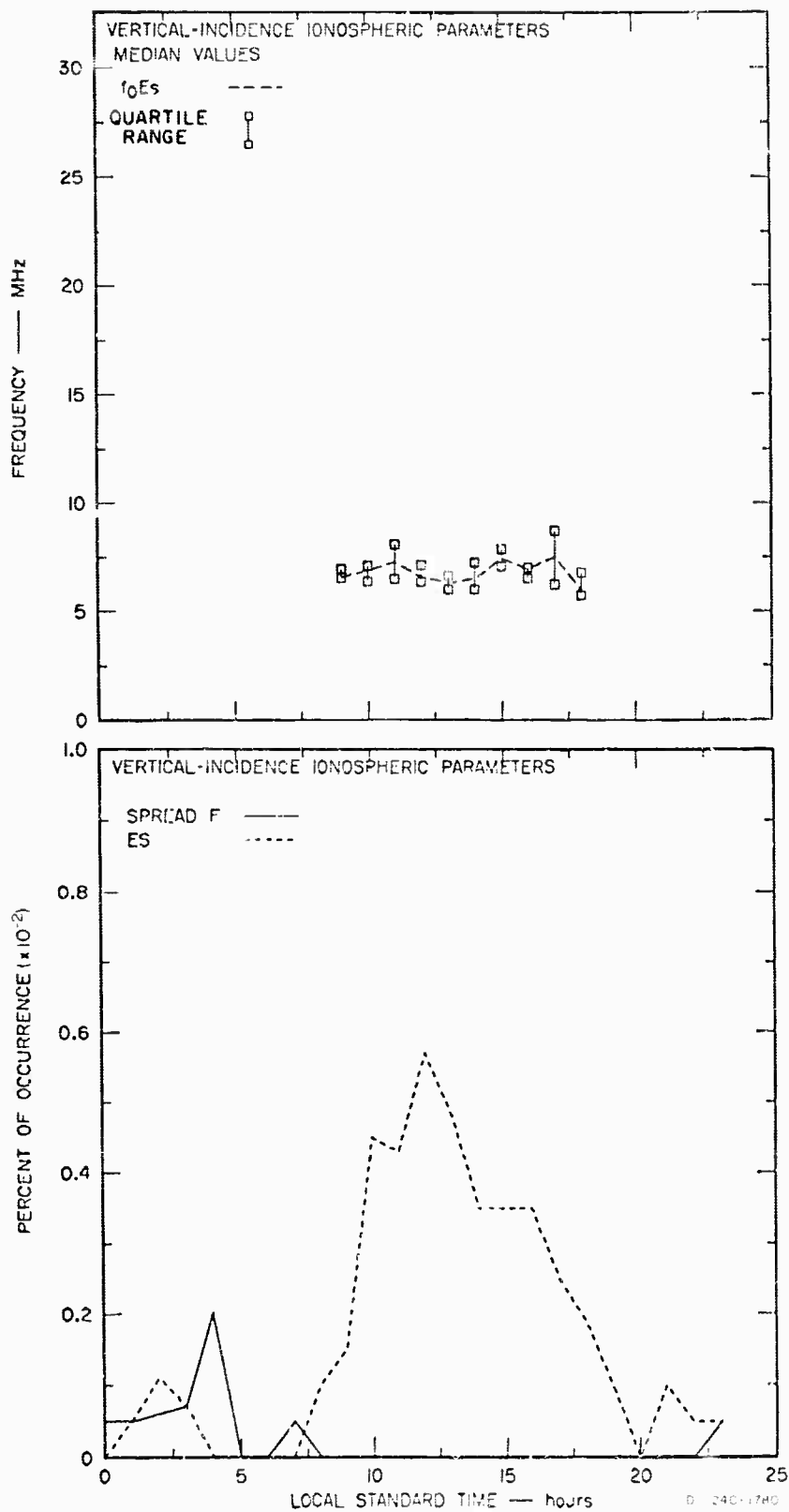


FIG. S4 VIRTUAL HEIGHT SUMMARY, CHIENGMAI, DECEMBER, 1966



CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

JAN., 1967

SITE, CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C
31	C	C	C	C	C	C	C	C
1	4.60	5.00	5.00	8.25	6.45R			4.92
2	7.4	7.50	7.90	4.25				4.72
3			4.70					4.70
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
1	6.02	6.00	5.00	5.95	...	...	...	4.70
2	5.15	1.00	2.52	1.12	...	...	...	4.55
3	8.00	5.00	8.50	7.30	...	...	...	4.90
4	7.55	2.55	6.10	1.00	...	...	...	4.35
5	2.00	1.00	1.00	1.00	5.00	2.00	9.00	1.00
6	2.00	1.00	1.00	1.00	...	...	...	1.10
7	2.00	1.00	1.00	1.00	...	...	...	
8	2.00	1.00	1.00	1.00	...	...	...	
9	2.00	1.00	1.00	1.00	...	...	...	
10	2.00	1.00	1.00	1.00	...	...	...	
11	2.00	1.00	1.00	1.00	...	...	...	
12	2.00	1.00	1.00	1.00	...	...	...	
13	2.00	1.00	1.00	1.00	...	...	...	
14	2.00	1.00	1.00	1.00	...	...	...	
15	2.00	1.00	1.00	1.00	...	...	...	
16	2.00	1.00	1.00	1.00	...	...	...	
17	2.00	1.00	1.00	1.00	...	...	...	
18	2.00	1.00	1.00	1.00	...	...	...	
19	2.00	1.00	1.00	1.00	...	...	...	
20	2.00	1.00	1.00	1.00	...	...	...	
21	2.00	1.00	1.00	1.00	...	...	...	
22	2.00	1.00	1.00	1.00	...	...	...	
23	2.00	1.00	1.00	1.00	...	...	...	
24	2.00	1.00	1.00	1.00	...	...	...	
25	2.00	1.00	1.00	1.00	...	...	...	
26	2.00	1.00	1.00	1.00	...	...	...	
27	2.00	1.00	1.00	1.00	...	...	...	
28	2.00	1.00	1.00	1.00	...	...	...	
29	2.00	1.00	1.00	1.00	...	...	...	
30	2.00	1.00	1.00	1.00	...	...	...	
31	2.00	1.00	1.00	1.00	...	...	...	

CHARACTERISTIC. FUF2

IONOSPHERIC DATA
VERTICAL DISTANCE

JAN., 1957

SITE. CHIENGMAT
LOCAL STANDARD TIME

DAY /HR	8:5	9:5	10:5	11:5	12:5	13:5	14:5	15:5
1	7.30	8.00	11.00	11.50	12.40	13.00	13.50	14.00
2	7.30	8.00	11.00	11.50	12.40	13.00	13.50	14.00
3	7.30	8.00	11.00	11.50	12.40	13.00	13.50	14.00
4	7.30	8.00	11.00	11.50	12.40	13.00	13.50	14.00
5	7.30	8.00	11.00	11.50	12.40	13.00	13.50	14.00
6	7.30	8.00	11.00	11.50	12.40	13.00	13.50	14.00
7	7.30	8.00	11.00	11.50	12.40	13.00	13.50	14.00
8	7.30	8.00	11.00	11.50	12.40	13.00	13.50	14.00
9	7.30	8.00	11.00	11.50	12.40	13.00	13.50	14.00
10	7.30	8.00	11.00	11.50	12.40	13.00	13.50	14.00
11	7.30	8.00	11.00	11.50	12.40	13.00	13.50	14.00
12	7.30	8.00	11.00	11.50	12.40	13.00	13.50	14.00
13	7.30	8.00	11.00	11.50	12.40	13.00	13.50	14.00
14	7.30	8.00	11.00	11.50	12.40	13.00	13.50	14.00
15	7.30	8.00	11.00	11.50	12.40	13.00	13.50	14.00
16	7.30	8.00	11.00	11.50	12.40	13.00	13.50	14.00
17	7.30	8.00	11.00	11.50	12.40	13.00	13.50	14.00
18	7.30	8.00	11.00	11.50	12.40	13.00	13.50	14.00
19	7.30	8.00	11.00	11.50	12.40	13.00	13.50	14.00
20	7.30	8.00	11.00	11.50	12.40	13.00	13.50	14.00
21	7.30	8.00	11.00	11.50	12.40	13.00	13.50	14.00
22	7.30	8.00	11.00	11.50	12.40	13.00	13.50	14.00
23	7.30	8.00	11.00	11.50	12.40	13.00	13.50	14.00
24	7.30	8.00	11.00	11.50	12.40	13.00	13.50	14.00
25	7.30	8.00	11.00	11.50	12.40	13.00	13.50	14.00
26	7.30	8.00	11.00	11.50	12.40	13.00	13.50	14.00
27	7.30	8.00	11.00	11.50	12.40	13.00	13.50	14.00
28	7.30	8.00	11.00	11.50	12.40	13.00	13.50	14.00
29	7.30	8.00	11.00	11.50	12.40	13.00	13.50	14.00
30	7.30	8.00	11.00	11.50	12.40	13.00	13.50	14.00
31	7.30	8.00	11.00	11.50	12.40	13.00	13.50	14.00
MEAN	7.84	8.62	12.02	12.82	13.92	14.14	14.85	15.14
STDEV	0.09	0.10	0.10	0.10	0.10	0.10	0.10	0.10
UNIFORM	0.09	0.10	0.10	0.10	0.10	0.10	0.10	0.10
PAUSE	0.09	0.10	0.10	0.10	0.10	0.10	0.10	0.10
ES	0.09	0.10	0.10	0.10	0.10	0.10	0.10	0.10
SPOT	0.09	0.10	0.10	0.10	0.10	0.10	0.10	0.10

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE
JAN., 1967

SITE: CHIENSHAI
LOCAL STANDARD TIME

DAY /HR 1605	1705	1805	1905	2005	2105	2205	2305
1	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C
17	12.36R	10.12	10.10	8.54	8.84	6.50	4.92
18	C	C	10.02	8.70	8.50	6.34	5.55
19	12.94	12.42R	9.17	10.00	8.90	6.01R	5.55
20	11.00	11.28R	12.00R	10.55	10.60R	8.80	7.07
21	12.20	12.40R	11.50R	10.24	10.50	10.80	7.67
22	12.00	C	C	C	C	C	C
23	C	C	C	C	C	C	C
24	10.88R	C	C	C	C	C	C
25	11.12	10.88	10.00	10.16	12.88R	10.90	C
26	12.70	10.90	11.20	11.55R	12.10R	13.00R	C
27	11.50	12.00R	12.10R	11.50R	12.10R	13.20R	C
28	11.30	12.10R	11.90R	10.60	10.88	11.40	9.20
29	12.00R	11.50R	11.70	11.22	11.90	11.40	9.40
30	11.50	12.00R	12.10R	C	C	C	C
31	12.20	C	C	C	C	C	C
MEDIAN	12.00	11.58	11.40	10.42	10.88	10.80	7.45
S.D.MED	12.70	10.82	11.60	11.10	11.78	2.91	1.07
U QUART	11.30	10.50	10.60	10.00	8.87	6.22	5.55
V QUART	12.60	12.10	12.00	11.22	11.98	12.20	9.20
RANGE	1.30	1.20	2.00	1.22	3.11	5.78	3.55
BLANK	0	0	0	0	0	0	0
ES	.67	.50	.18	0	0	0	0
SPRD F	0	0	.09	.09	.18	.18	.40

IONOSPHERIC DATA
VERTICAL INCIDENCE

SITE. CHIENGMAI
LOCAL STANDARD TIME

[illegible]

CHARACTERISTIC. H FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

JAN., 1957

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	8:5	9:05	10:05	11:05	12:05	13:05	14:0	15:05
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C
31	C	C	C	C	C	C	C	C
MEDIAN	0	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0	0
U. QUART	0	0	0	0	0	0	0	0
L. QUART	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

CHARACTERISTIC. H FCF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

JAN., 1967

SITE: CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	1645	1705	1805	1905	2005	2105	2205	2305
1	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0
22	310	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0
28	310	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0
MEDIAN	0	0	0	0	0	0	0	0
STANDARD	0	0	0	0	0	0	0	0
LOWER	0	0	0	0	0	0	0	0
UPPER	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

301101Z JUL 70
FM JCRC
TO: JCS
INFO: J3, J4, J5, J6, J7, J8, J9, J10, J11, J12, J13, J14, J15, J16, J17, J18, J19, J20, J21, J22, J23, J24, J25, J26, J27, J28, J29, J30, J31, J32, J33, J34, J35, J36, J37, J38, J39, J40, J41, J42, J43, J44, J45, J46, J47, J48, J49, J50, J51, J52, J53, J54, J55, J56, J57, J58, J59, J60, J61, J62, J63, J64, J65, J66, J67, J68, J69, J70, J71, J72, J73, J74, J75, J76, J77, J78, J79, J80, J81, J82, J83, J84, J85, J86, J87, J88, J89, J90, J91, J92, J93, J94, J95, J96, J97, J98, J99, J100, J101, J102, J103, J104, J105, J106, J107, J108, J109, J110, J111, J112, J113, J114, J115, J116, J117, J118, J119, J120, J121, J122, J123, J124, J125, J126, J127, J128, J129, J130, J131, J132, J133, J134, J135, J136, J137, J138, J139, J140, J141, J142, J143, J144, J145, J146, J147, J148, J149, J150, J151, J152, J153, J154, J155, J156, J157, J158, J159, J160, J161, J162, J163, J164, J165, J166, J167, J168, J169, J170, J171, J172, J173, J174, J175, J176, J177, J178, J179, J180, J181, J182, J183, J184, J185, J186, J187, J188, J189, J190, J191, J192, J193, J194, J195, J196, J197, J198, J199, J200, J201, J202, J203, J204, J205, J206, J207, J208, J209, J210, J211, J212, J213, J214, J215, J216, J217, J218, J219, J220, J221, J222, J223, J224, J225, J226, J227, J228, J229, J230, J231, J232, J233, J234, J235, J236, J237, J238, J239, J240, J241, J242, J243, J244, J245, J246, J247, J248, J249, J250, J251, J252, J253, J254, J255, J256, J257, J258, J259, J260, J261, J262, J263, J264, J265, J266, J267, J268, J269, J270, J271, J272, J273, J274, J275, J276, J277, J278, J279, J280, J281, J282, J283, J284, J285, J286, J287, J288, J289, J290, J291, J292, J293, J294, J295, J296, J297, J298, J299, J300, J301, J302, J303, J304, J305, J306, J307, J308, J309, J310, J311, J312, J313, J314, J315, J316, J317, J318, J319, J320, J321, J322, J323, J324, J325, J326, J327, J328, J329, J330, J331, J332, J333, J334, J335, J336, J337, J338, J339, J340, J341, J342, J343, J344, J345, J346, J347, J348, J349, J350, J351, J352, J353, J354, J355, J356, J357, J358, J359, J360, J361, J362, J363, J364, J365, J366, J367, J368, J369, J370, J371, J372, J373, J374, J375, J376, J377, J378, J379, J380, J381, J382, J383, J384, J385, J386, J387, J388, J389, J390, J391, J392, J393, J394, J395, J396, J397, J398, J399, J400, J401, J402, J403, J404, J405, J406, J407, J408, J409, J410, J411, J412, J413, J414, J415, J416, J417, J418, J419, J420, J421, J422, J423, J424, J425, J426, J427, J428, J429, J430, J431, J432, J433, J434, J435, J436, J437, J438, J439, J440, J441, J442, J443, J444, J445, J446, J447, J448, J449, J450, J451, J452, J453, J454, J455, J456, J457, J458, J459, J460, J461, J462, J463, J464, J465, J466, J467, J468, J469, J470, J471, J472, J473, J474, J475, J476, J477, J478, J479, J480, J481, J482, J483, J484, J485, J486, J487, J488, J489, J490, J491, J492, J493, J494, J495, J496, J497, J498, J499, J500, J501, J502, J503, J504, J505, J506, J507, J508, J509, J510, J511, J512, J513, J514, J515, J516, J517, J518, J519, J520, J521, J522, J523, J524, J525, J526, J527, J528, J529, J530, J531, J532, J533, J534, J535, J536, J537, J538, J539, J540, J541, J542, J543, J544, J545, J546, J547, J548, J549, J550, J551, J552, J553, J554, J555, J556, J557, J558, J559, J560, J561, J562, J563, J564, J565, J566, J567, J568, J569, J570, J571, J572, J573, J574, J575, J576, J577, J578, J579, J580, J581, J582, J583, J584, J585, J586, J587, J588, J589, J590, J591, J592, J593, J594, J595, J596, J597, J598, J599, J600, J601, J602, J603, J604, J605, J606, J607, J608, J609, J610, J611, J612, J613, J614, J615, J616, J617, J618, J619, J620, J621, J622, J623, J624, J625, J626, J627, J628, J629, J630, J631, J632, J633, J634, J635, J636, J637, J638, J639, J640, J641, J642, J643, J644, J645, J646, J647, J648, J649, J650, J651, J652, J653, J654, J655, J656, J657, J658, J659, J660, J661, J662, J663, J664, J665, J666, J667, J668, J669, J670, J671, J672, J673, J674, J675, J676, J677, J678, J679, J680, J681, J682, J683, J684, J685, J686, J687, J688, J689, J690, J691, J692, J693, J694, J695, J696, J697, J698, J699, J700, J701, J702, J703, J704, J705, J706, J707, J708, J709, J710, J711, J712, J713, J714, J715, J716, J717, J718, J719, J720, J721, J722, J723, J724, J725, J726, J727, J728, J729, J730, J731, J732, J733, J734, J735, J736, J737, J738, J739, J740, J741, J742, J743, J744, J745, J746, J747, J748, J749, J750, J751, J752, J753, J754, J755, J756, J757, J758, J759, J760, J761, J762, J763, J764, J765, J766, J767, J768, J769, J770, J771, J772, J773, J774, J775, J776, J777, J778, J779, J780, J781, J782, J783, J784, J785, J786, J787, J788, J789, J790, J791, J792, J793, J794, J795, J796, J797, J798, J799, J800, J801, J802, J803, J804, J805, J806, J807, J808, J809, J810, J811, J812, J813, J814, J815, J816, J817, J818, J819, J820, J821, J822, J823, J824, J825, J826, J827, J828, J829, J830, J831, J832, J833, J834, J835, J836, J8

JUL. 1957

SITE. CHENGCHAI
LOCAL STANDARD TIME463

CHARACTERISTIC. FCFT

ICOSPHERIC DATA
VERTICAL INCIDENCE

JAN., 1967

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0
21	5.01	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0
27	5.00	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0
MEDIAN	0	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0	0
1/4 QUANT	0	0	0	0	0	0	0	0
3/4 QUANT	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

IONOSPHERIC DATA VERTICAL INCIDENCE

JAN., 1967

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1205	1305	1405	1505
1	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0
MEDIAN	0	0	0	0	0	0	0
STANDARD	0	0	0	0	0	0	0
DEVIATION	0	0	0	0	0	0	0
COEFFICIENT	0	0	0	0	0	0	0
VARIANCE	0	0	0	0	0	0	0

CHARACTERISTIC. FOES

IONOSPHERIC DATA
VERTICAL INCIDENCE
JAN., 1967

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
MEDIAN								
S.D. MED								
LOWEST								
HIGHEST								
RANGE								

CHARACTERISTIC. F0ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

JAN., 1967

SITE: CHIERONAI
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C
31	C	C	C	C	C	C	C	C
MEDIAN	..	6.55	7.70	7.10	6.67	7.15	7.08	6.19
S.D.MED	..	0.91	1.17	0.93	0.93	2.18	3.00	1.19
LOWEST	..	5.14	6.09	6.15	6.05	6.17	5.25	5.35
HIGHEST	..	7.90	8.39	7.65	7.90	9.47	9.02	8.10
RANGE	..	1.65	2.39	1.50	1.85	3.30	2.77	2.14

CHARACTERISTIC. FOES

IONOSPHERIC DATA
VERTICAL INCIDENCE

JAN., '67

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C
21	8.10L	5.40L	8.35F	8.80F				
22	5.00L			5.75F				
23	7.88L							
24	5.55L	4.60L						
25	5.70L							
26	8.30L	7.00L						
27	5.80L	7.95L	6.20F					
28	7.56L		8.60F					
29								
30								
31								
MEAN	6.91	6.20	8.35	..	8.80	8.80	8.80	8.80
STD. DEV.	1.25	1.31	1.25	..	..	..	..	..
UPPER	5.75	5.00	6.20	..	..	..	..	..
LOWER	8.03	7.27	8.60	..	..	..	..	..
2.125	2.28	2.27	2.20	..	..	..	..	..

CHARACTERISTIC. HES

IONOSPHERIC DATA
VERTICAL INCIDENCE

JAN., 1957

SITE. CHIEROGAI
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C
31	C	C	C	C	C	C	C	C
Median	..	105	105	104	105	104	102	104
Standard	..	4	4	3.94	3.95	3.93	4.05	3.97
Upper	..	105	107	101	105	100	100	101
Lower	..	105	102	100	100	100	100	100
Range	..	6	7	7	7	9	10	7

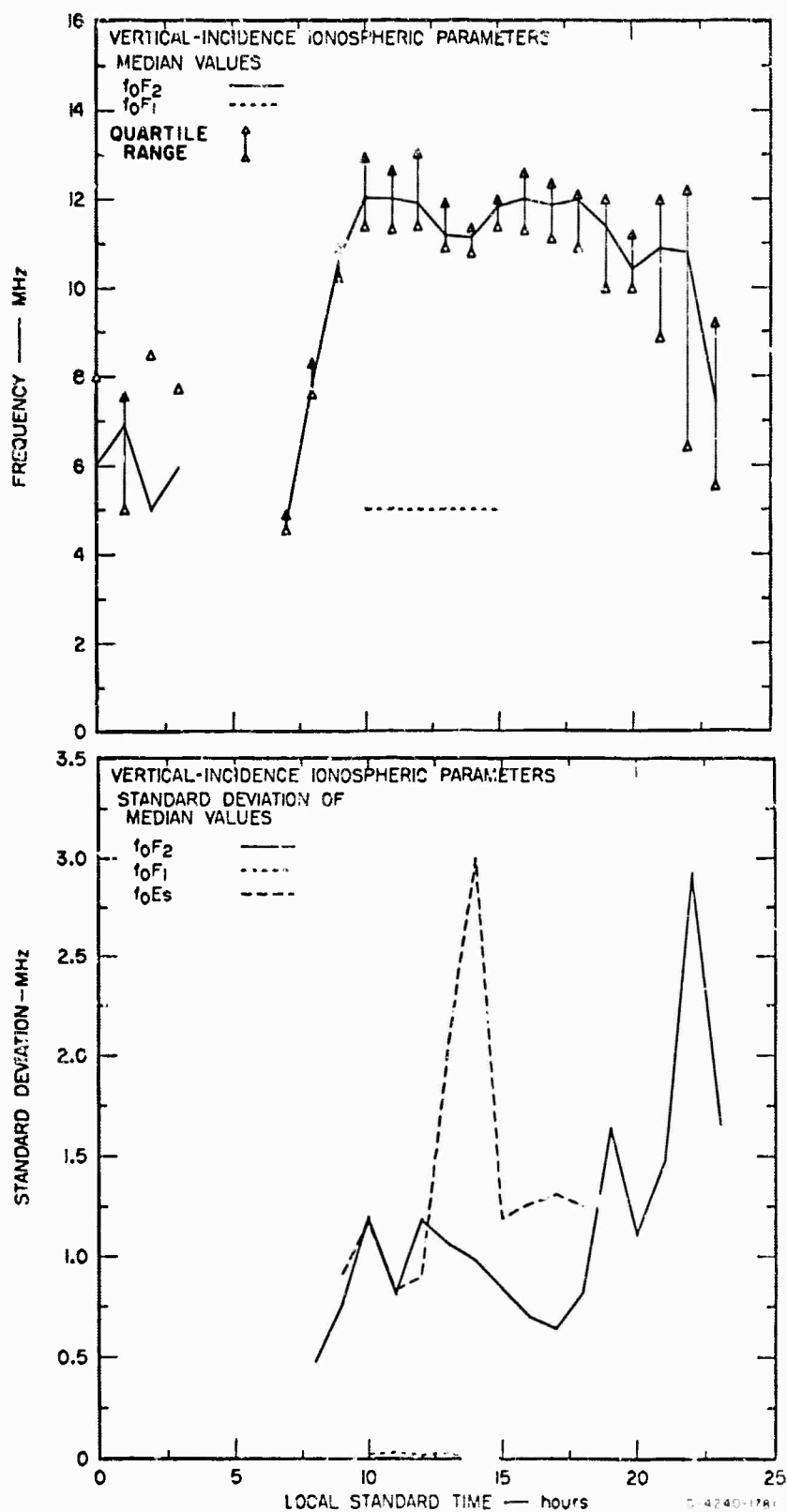


FIG. 56 CRITICAL FREQUENCY SUMMARY, CHIENGMAI, JANUARY, 1967

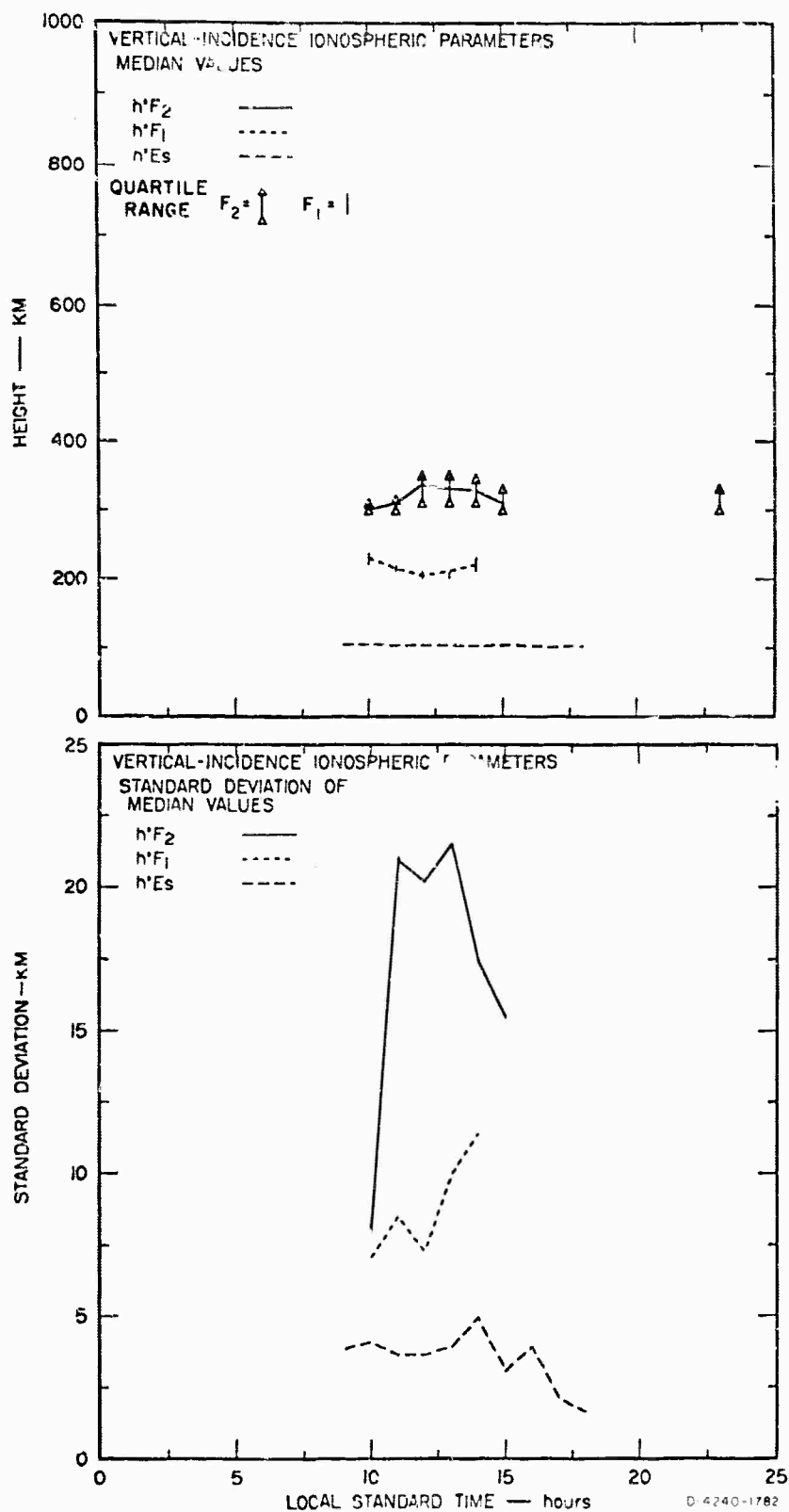


FIG. 57 VIRTUAL HEIGHT SUMMARY, CHIENGMAI, JANUARY, 1967

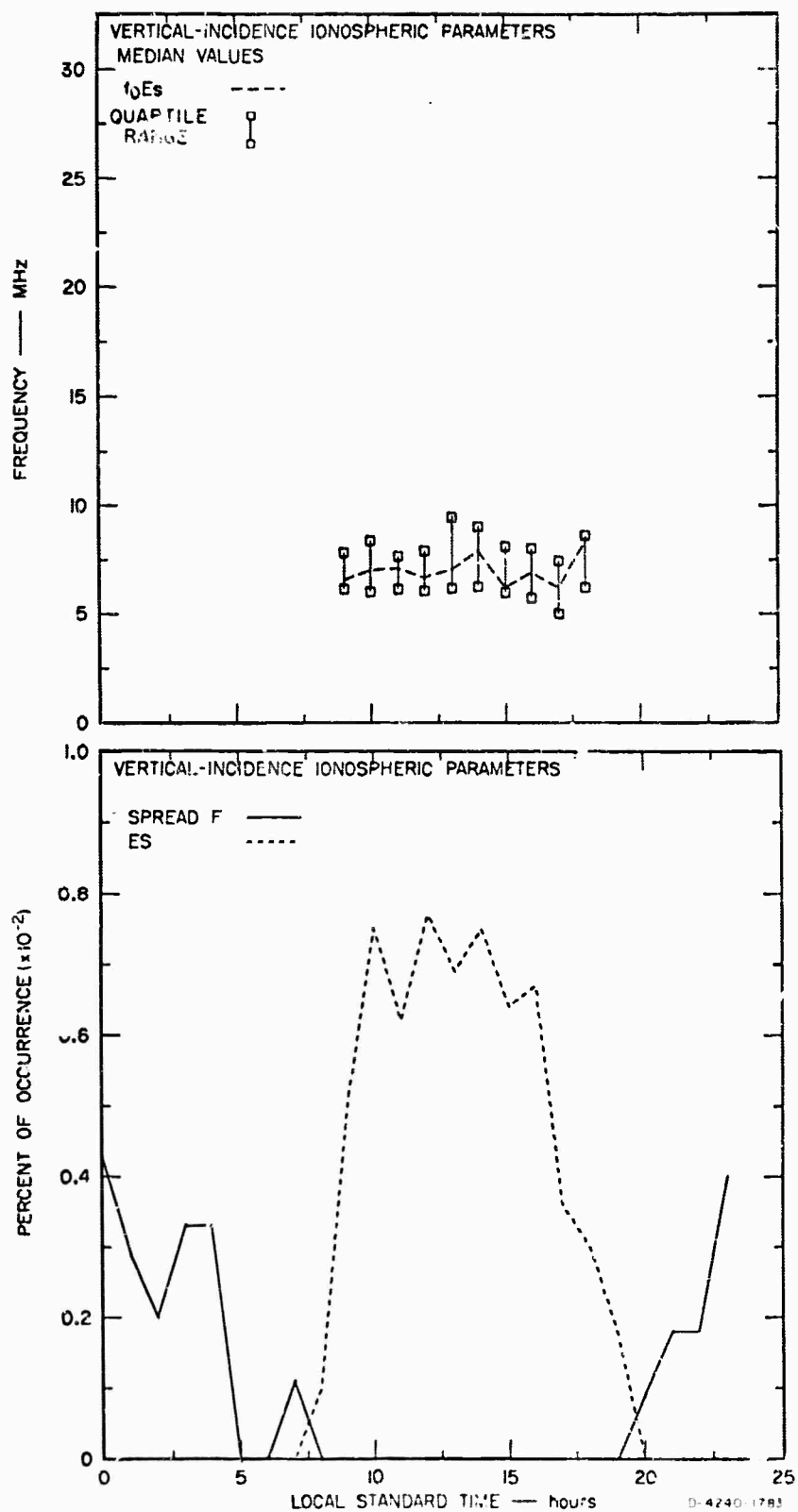


FIG. 58 SPORADIC E AND SPREAD F SUMMARY, CHIENGMAI, JANUARY, 1967

CHARACTERISTIC. FOT2

IONOSPHERIC DATA
VERTICAL INCIDENCE

FEB., 1967

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	F	F	F	F	F	F	C	5.50
2	11.40	F	F	F	F	F	C	5.55
3	9.50	F	F	F	4.90	F	C	5.55
4	12.90R	9.80	9.40F	8.40	C	F	C	4.99
5	12.30R	10.40	10.10	F	7.05	C	C	C
6	10.60	F	C	F	N	C	C	C
7	C	10.80	C	C	S	C	C	5.40
8	C	C	5.00	C	C	C	C	4.98
9	C	S	C	C	C	C	C	5.55
10	C	C	C	C	C	C	C	5.55
11	C	C	C	C	C	C	C	5.55
12	C	C	C	C	C	C	C	5.55
13	C	C	C	C	C	C	C	5.55
14	C	C	C	C	C	C	C	5.55
15	C	C	C	C	C	C	C	5.55
16	C	C	C	C	C	C	C	5.55
17	C	C	C	C	C	C	C	5.55
18	C	C	C	C	C	C	C	5.55
19	C	C	C	C	C	C	C	5.55
20	C	C	C	C	C	C	C	5.55
21	C	C	C	C	C	C	C	5.55
22	C	C	C	C	C	C	C	5.55
23	C	C	C	C	C	C	C	5.55
24	C	C	C	C	C	C	C	5.55
25	C	C	C	C	C	C	C	5.55
26	C	C	C	C	C	C	C	5.55
27	C	C	C	C	C	C	C	5.55
28	C	C	C	C	C	C	C	5.55
MEDIAN	11.40	10.18	9.10	6.05	4.70	...	...	5.55
S.D. MED	1.21	9.77	2.25	1.30	1.25	...	...	5.55
U QUART	10.05	9.38	5.90	5.02	5.95	...	...	5.55
L QUART	12.60	10.60	9.90	7.50	7.55	...	...	5.55
RANGE	2.55	1.22	4.00	2.48	5.90	...	...	5.55
BLACK	0	0	0	0	0	...	...	5.55
ES	0	0	0	0	0	...	...	5.55
SPRD F	.62	.75	.60	.55	.33	...	...	5.55

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

FEB., 1967

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	C	9.92R	12.10	13.40	12.00R	11.48	11.88	11.54
2	8.65	C	C	12.54	13.40	13.58R	12.12R	11.90
3	9.82R	12.00R	14.28	13.20	11.80	11.92R	12.36R	11.90
4	N	N	13.10	13.30	12.60	13.00R	11.90	11.80
5	9.10	10.92	12.48R	12.20	12.80	14.06	15.10R	14.38R
6	C	11.50	13.12	15.08R	12.80	14.20	14.00R	14.20
7	C	C	12.78R	14.90R	14.20	-	-	-
8	C	13.00	12.18R	11.08R	S	-	11.40	11.00
9	9.80	12.00R	S	C	C	C	C	C
10	S	-	-	-	-	S	-	-
11	S	-	-	-	-	-	-	-
12	S	10.00	11.78R	-	-	-	-	S
13	S	9.80R	-	-	-	-	-	-
14	8.00	11.00	-	13.20	-	-	-	-
15	S	-	-	-	C	-	-	S
16	10.00	-	-	-	-	-	-	-
17	S	C	-	-	-	-	-	-
18	S	-	-	S	-	S	-	S
19	S	-	-	-	-	-	-	-
20	9.20	10.80	-	-	-	S	-	S
21	S	10.20R	12.28R	-	S	S	14.12R	-
22	9.80R	10.20	-	S	C	S	S	14.28R
23	10.00	11.50R	-	-	-	S	14.40	14.38R
24	9.91	11.00	-	-	-	S	C	14.40
25	9.00R	-	-	-	S	S	-	-
26	9.92	S	C	-	S	S	-	-
27	C	S	-	12.00	S	S	-	-
28	S	-	-	-	-	-	-	-
MEDIAN	9.84	10.96	12.40	13.20	12.70	13.05	12.24	13.05
S.D. MED	.59	.85	1.10	1.15	.82	.55	1.40	1.34
L. QUART	9.05	10.20	12.10	12.20	12.00	11.94	11.89	11.80
U. QUART	9.91	11.50	13.10	13.40	13.40	13.55	14.06	14.30
RANGE	.86	1.10	1.60	1.20	1.40	2.02	2.17	2.50
BLANK	0	0	0	0	0	0	0	0
ES	0	.09	.08	.11	.20	.26	.31	.27
SPRD F	0	0	0	0	0	0	0	0

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERT. INCIDENCE

FEB., 1967

SITE. CHIENGHAI
LOCAL STANDARD TIME

DAY /hr	1645	1705	1805	1905	2005	2105	2205	2305
1	11.92	12.00R	12.20R	11.92R	11.92R	F	F	F
2	11.90	11.44	11.42	11.76R	11.76R	F	F	F
3	12.10R	12.40R	12.12R	11.44	11.44	10.84	10.84	11.10R
4	12.96R	12.60R	11.92R	13.20R	13.20R	F	F	12.30
5	13.10	12.60R	12.90R	14.00R	14.00R	F	F	11.10
6	14.05	12.20	14.24	13.32	13.32	11.76R	11.76R	
7	-	S	C	C	C	C	C	C
8	10.00	S	C	S	S	C	C	C
9	C	S	C	S	S	C	C	C
10	S	S	C	S	S	C	C	C
11	S	S	C	S	S	C	C	C
12	S	S	C	S	S	C	C	C
13	S	S	C	S	S	C	C	C
14	S	S	C	S	S	C	C	C
15	S	S	C	S	S	C	C	C
16	S	S	C	S	S	C	C	C
17	S	S	C	S	S	C	C	C
18	S	S	C	S	S	C	C	C
19	S	S	C	S	S	C	C	C
20	S	S	C	S	S	C	C	C
21	S	S	C	S	S	C	C	C
22	13.00R	S	C	S	S	C	C	C
23	13.55	S	C	S	S	C	C	C
24	C	S	C	S	S	C	C	C
25	S	S	C	S	S	C	C	C
26	S	S	C	S	S	C	C	C
27	S	S	C	S	S	C	C	C
28	S	S	C	S	S	C	C	C
29	S	S	C	S	S	C	C	C
30	S	S	C	S	S	C	C	C
MEDIAN	12.95	12.20	12.06	12.55	12.55	11.30	11.30	11.10
S.D. MED	1.20	.89	.99	.55	.55	.39	.39	.65
L. QUART	11.91	12.00	11.92	11.76	11.76	11.10	11.10	11.10
U. QUART	13.00	12.40	12.90	13.32	13.32	12.30	12.30	12.30
RANGE	1.09	.40	.95	1.55	1.55	1.20	1.20	1.20
BLANK	0	0	0	0	0	0	0	0
ES	.35	.20	.30	.08	.08	0	0	0
SPRD F	0	0	0	.33	.33	.77	.77	.85

CHARACTERISTIC. H FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE
FEB.. 1967

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	8:5	9:5	10:5	11:5	12:5	13:5	14:5	15:5
1	C	C	300	305	-	350	-	-
2	-	-	300	-	310	310	334	-
3	-	-	300	300	300	320	370	-
4	N	N	300	300	305	320	350	-
5	-	-	305	305	300	305	330	-
6	C	-	-	-	-	-	-	-
7	C	C	-	-	340	310	322	-
8	S	-	S	C	320	310	322	-
9	S	305	300	300	312	320	320	-
10	S	310	318	320	320	350	350	-
11	S	-	320	315	320	350	350	-
12	S	-	300	320	322	320	350	-
13	S	300	300	320	310	320	350	-
14	S	300	310	320	310	320	350	-
15	S	300	320	320	310	320	350	-
16	S	300	310	320	310	320	350	-
17	S	300	320	320	310	320	350	-
18	S	300	320	320	310	320	350	-
19	S	300	320	320	310	320	350	-
20	S	300	320	320	310	320	350	-
21	S	300	320	320	310	320	350	-
22	S	300	320	320	310	320	350	-
23	S	300	320	320	310	320	350	-
24	S	300	320	320	310	320	350	-
25	S	300	320	320	310	320	350	-
26	S	300	320	320	310	320	350	-
27	S	300	320	320	310	320	350	-
28	S	300	320	320	310	320	350	-
MEDIAN	0	300	305	309	310	315	324	324
S.D. MED	0	5.50	12.10	12.52	12.15	16.85	20.54	20.54
U. QUART	0	300	300	300	305	312	317	317
L. QUART	0	307	310	320	320	327	349	349
RANGE	0	7	10	20	5	25	38	38

CHARACTERISTIC. H FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

FEB., 1967

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	-	-	-	-	-	F	F	F
2	-	-	-	-	-	F	F	F
3	-	-	-	-	-	F	F	F
4	-	-	-	-	-	F	F	F
5	-	-	-	-	-	F	F	F
6	-	-	-	-	-	F	F	F
7	-	-	-	-	-	F	F	F
8	-	-	-	-	-	F	F	F
9	-	-	-	-	-	F	F	F
10	340	S	S	S	S	S	S	S
11	S	S	S	S	S	S	S	S
12	S	S	S	S	S	S	S	S
13	300	S	S	S	S	S	S	S
14	-	S	S	S	S	S	S	S
15	-	S	S	S	S	S	S	S
16	-	S	S	S	S	S	S	S
17	310	S	S	S	S	S	S	S
18	-	S	S	S	S	S	S	S
19	305	S	S	S	S	S	S	S
20	-	S	S	S	S	S	S	S
21	310	S	S	S	S	S	S	S
22	-	S	S	S	S	S	S	S
23	-	S	S	S	S	S	S	S
24	-	S	S	S	S	S	S	S
25	312	S	S	S	S	S	S	S
26	-	S	S	S	S	S	S	S
27	321	S	S	S	S	S	S	S
28	-	S	S	S	S	S	S	S
29	-	S	S	S	S	S	S	S
30	-	S	S	S	S	S	S	S
31	-	S	S	S	S	S	S	S
MEDIAN	310	0	0	0	0	0	0	0
S.D. MED	12.00	0	0	0	0	0	0	0
L. QUART	314	0	0	0	0	0	0	0
U. QUART	320	0	0	0	0	0	0	0
RANGE	16	0	0	0	0	0	0	0

IONOSPHERIC DATA
VERTICAL INCIDENCE
FEB., 1967

**SITE. CHIENGKAI
LOCAL STANDARD TIME**

[illegible]

CHARACTERISTIC. FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE
FEB., 1967

SITE. CHIENGAI		LOCAL STANDARD TIME									
LAT /HR	805	905	1005	1105	1205	1305	1405	1505			
1	C	-	5.05	5.00	5.05	5.00	5.00	-			
2	-	C	5.00	-	5.00	5.00	5.06	-			
3	-	5.00	5.00	5.05	5.00	5.00	5.00	-			
4	N	-	5.00	5.00	5.00	5.00	5.00	-			
5	-	5.02	5.02	5.00	5.00	5.00	5.00	5.00			
6	C	-	-	-	5.00	7.00	7.50	7.40			
7	C	-	-	-	5.00	-	-	-			
8	S	-	5.00	5.00	5.00	5.00	5.00	5.00			
9	S	-	5.00	5.00	5.00	5.00	5.00	5.00			
10	S	-	5.00	5.00	5.00	5.00	5.00	5.00			
11	S	-	5.00	5.00	5.00	5.00	5.00	5.00			
12	S	-	5.00	5.00	5.00	5.00	5.00	5.00			
13	S	-	5.00	5.00	5.00	5.00	5.00	5.00			
14	S	-	5.00	5.00	5.00	5.00	5.00	5.00			
15	S	-	5.00	5.00	5.00	5.00	5.00	5.00			
16	S	-	5.00	5.00	5.00	5.00	5.00	5.00			
17	S	-	5.00	5.00	5.00	5.00	5.00	5.00			
18	S	-	5.00	5.00	5.00	5.00	5.00	5.00			
19	S	-	5.00	5.00	5.00	5.00	5.00	5.00			
20	S	-	5.00	5.00	5.00	5.00	5.00	5.00			
21	S	-	5.00	5.00	5.00	5.00	5.00	5.00			
22	S	-	5.00	5.00	5.00	5.00	5.00	5.00			
23	S	-	5.00	5.00	5.00	5.00	5.00	5.00			
24	S	-	5.00	5.00	5.00	5.00	5.00	5.00			
25	S	-	5.00	5.00	5.00	5.00	5.00	5.00			
26	S	-	5.00	5.00	5.00	5.00	5.00	5.00			
27	S	-	5.00	5.00	5.00	5.00	5.00	5.00			
28	S	-	5.00	5.00	5.00	5.00	5.00	5.00			
MEDIAN	0	5.00	5.00	5.00	5.00	5.00	5.00	5.00			
S.D. MED	0	5.00	5.00	5.00	5.00	5.00	5.00	5.00			
1 QUART	0	5.00	5.00	5.00	5.00	5.00	5.00	5.00			
3 QUART	0	5.00	5.00	5.00	5.00	5.00	5.00	5.00			
MEAN	0	5.00	5.00	5.00	5.00	5.00	5.00	5.00			

CHARACTERISTIC. FOFI

IONOSPHERIC DATA
VERTICAL INCIDENCE
FEB., 1957

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305	
1	-	-	-	-	-	-	-	-	
2	-	-	-	-	-	-	-	-	
3	-	-	-	-	-	-	-	-	
4	-	-	-	-	-	-	-	-	
5	-	-	-	-	-	-	-	-	
6	-	-	-	-	-	-	-	-	
7	-	-	-	-	-	-	-	-	
8	-	-	-	-	-	-	-	-	
9	-	-	-	-	-	-	-	-	
10	-	-	-	-	-	-	-	-	
11	-	-	-	-	-	-	-	-	
12	-	-	-	-	-	-	-	-	
13	-	-	-	-	-	-	-	-	
14	-	-	-	-	-	-	-	-	
15	-	-	-	-	-	-	-	-	
16	-	-	-	-	-	-	-	-	
17	-	-	-	-	-	-	-	-	
18	-	-	-	-	-	-	-	-	
19	-	-	-	-	-	-	-	-	
20	-	-	-	-	-	-	-	-	
21	-	-	-	-	-	-	-	-	
22	-	-	-	-	-	-	-	-	
23	-	-	-	-	-	-	-	-	
24	-	-	-	-	-	-	-	-	
25	-	-	-	-	-	-	-	-	
26	-	-	-	-	-	-	-	-	
27	-	-	-	-	-	-	-	-	
28	-	-	-	-	-	-	-	-	
MEDIAN	..	..	..	..	..	..	..	..	
S.D. MED	..	..	..	..	..	..	..	..	
L. QUART	..	..	..	..	..	..	..	..	
U. QUART	..	..	..	..	..	..	..	..	
RANGE	..	..	..	..	..	..	..	..	

IONOSPHERIC DATA
VERTICAL INCIDENCE
FEB., 1967

TIME. CHENGAL
LOCAL STATION TIME

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CHARACTERISTIC. H FCFY

IONOSPHERIC DATA
VERTICAL INCIDENCE
FEB., 1967

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	C	C	C	-	-	220	210	-
2	-	-	-	210	200	200	200	-
3	-	-	-	240	210	200	210	-
4	N	-	-	210	-	210	-	-
5	C	-	-	-	S	-	-	-
6	C	-	-	-	C	-	-	-
7	S	-	S	-	-	-	-	-
8	S	-	-	-	-	-	-	-
9	S	-	-	-	-	-	-	-
10	S	-	-	-	-	-	-	-
11	S	-	-	-	-	-	-	-
12	S	-	-	250	220	210	200	-
13	S	-	-	230	-	-	-	-
14	S	-	-	240	-	-	-	-
15	S	-	-	230	-	210	230	-
16	S	-	-	220	C	-	230	-
17	S	-	-	220	-	-	-	-
18	S	-	-	S	-	-	-	-
19	S	-	-	220	-	-	-	220
20	S	-	240	-	210	220	-	-
21	S	-	-	-	230	-	-	-
22	-	-	-	S	-	-	-	-
23	-	-	240	-	C	-	-	230
24	-	-	225	210	-	-	S	-
25	-	-	224	-	-	-	C	-
26	-	-	C	-	S	-	-	-
27	-	-	-	230	212	222	-	-
28	S	-	-	-	-	-	-	-
MEDIAN	0	0	233	230	212	210	210	234
S.D.	0	0	7.55	15.70	9.07	8.97	11.95	8.41
Q1	0	0	225	210	210	200	200	220
Q3	0	0	240	240	220	220	230	230
U	0	0	240	240	220	220	230	230
Q5	0	0	240	240	220	220	230	230
RANGE	0	0	15	50	10	20	50	18

CHARACTERISTIC. H FOFI

IONOSPHERIC DATA
VERTICAL INCIDENCE

FEB., 1967

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	1645	1705	1805	1905	2005	2105	2205	2305
1	-	-	-	-	-	F F - F -	F F - F -	F F - F -
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-
MEDIAN	0	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0	0
L QUART	0	0	0	0	0	0	0	0
U QUART	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

1967

SITE. CHIENGHAI
LOCAL STANDARD TIME

[illegible]

CHARACTERISTIC. F005

IONOSPHERIC DATA
VERTICAL INCIDENCE

FEB., 1967

SITE. CHIENGCHAI
LOCAL STANDARD TIME

DAY /HR	005	055	1005	1105	1205	1305	1405	1505
1	C	7.12L	7.20L	7.45L	8.46L	5.97L	6.50L	5.46L
2	-	C	C	5.50L	7.20L	7.30L	-	-
3	-	-	-	-	-	-	-	-
4	N	-	-	-	6.00L	5.61L	5.05L	-
5	C	7.80L	7.48L	7.45L	7.40L	7.30L	-	6.40L
6	C	C	-	-	S	-	-	6.40L
7	-	-	-	-	C	-	-	C
8	-	-	S	C	-	C	5.95L	-
9	-	-	-	-	-	S	-	-
10	S	-	-	-	-	-	-	S
11	S	-	-	-	-	-	6.05L	5.48L
12	S	-	-	-	-	-	6.48L	7.25L
13	S	-	-	-	-	5.55L	5.95L	7.10L
14	S	-	-	-	5.96L	5.41L	-	S
15	S	-	-	-	-	5.31L	-	-
16	S	-	-	-	C	-	-	-
17	S	C	-	-	-	-	-	5.48L
18	S	-	-	S	-	-	-	S
19	S	-	-	-	-	S	-	-
20	S	-	-	-	-	S	5.40L	-
21	S	-	-	S	-	S	S	-
22	-	-	-	-	C	S	C	-
23	-	-	-	-	-	S	-	-
24	-	-	-	-	S	-	-	C
25	-	-	-	-	-	S	5.10L	-
26	-	-	-	-	-	-	-	-
27	C	S	-	-	-	S	-	-
28	S	S	-	-	-	-	-	-
MEDIAN	0	0	0	7.45	7.20	5.61	5.95	6.40
S.D. MED	0	0	0	1.15	0.96	0.93	0.55	0.80
L. QUANT	0	0	0	5.50	5.98	5.41	5.25	5.46
U. QUANT	0	0	0	7.45	7.93	7.31	6.26	7.25
RANGE	0	0	0	1.95	1.95	1.91	1.01	1.79

CHARACTERISTIC. FOES

IONOSPHERIC DATA
VERTICAL INCIDENCE
FEB., 1967

SITE. CHIENGMAI LOCAL STANDARD TIME							
DAY	HR	1605	1705	1805	1905	2005	2105
1		-	-	-	10.00F	7.70F	F
2		5.10L	7.74L	11.30F	6.00F	-	F
3		-	-	-	-	-	F
4		-	-	-	-	-	F
5		-	-	-	-	-	F
6		4.90L	5.25L	6.30F	-	-	-
7		4.30L	-	-	-	-	-
8		-	-	-	-	-	-
9		-	-	-	-	-	-
10		-	-	-	-	-	-
11		-	-	-	-	-	-
12		-	-	-	-	-	-
13		-	-	-	-	-	-
14		4.65L	-	-	-	-	-
15		8.80L	-	-	-	-	-
16		-	-	-	-	-	-
17		5.60L	7.60L	-	-	-	-
18		4.50L	-	-	-	-	-
19		-	-	-	-	-	-
20		-	-	-	-	-	-
21		-	-	-	-	-	-
22		7.10L	6.60L	5.90F	-	-	-
23		-	-	-	-	-	-
24		-	-	-	-	-	-
25		-	-	-	-	-	-
26		-	-	-	-	-	-
27		-	-	-	-	-	-
28		-	-	-	-	-	-
MEDIAN		5.04	7.10	6.30	..	..	..
S.D. MED		1.55	1.04	2.90	..	..	..
L. QUART		4.77	5.92	5.30	..	..	..
U. QUART		6.35	7.67	11.30	..	..	..
RANGE		1.53	1.75	5.40	..	..	..

CHARACTERISTIC. H ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

FEB., 1967

SITE: CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	F	F	F	F	F	F	F	F
2	F	F	F	F	F	F	F	F
3	F	F	F	F	F	F	F	F
4	F	F	F	F	F	F	F	F
5	F	F	F	F	F	F	F	F
6	F	F	F	F	F	F	F	F
7	F	F	F	F	F	F	F	F
8	F	F	F	F	F	F	F	F
9	F	F	F	F	F	F	F	F
10	F	F	F	F	F	F	F	F
11	F	F	F	F	F	F	F	F
12	F	F	F	F	F	F	F	F
13	F	F	F	F	F	F	F	F
14	F	F	F	F	F	F	F	F
15	F	F	F	F	F	F	F	F
16	F	F	F	F	F	F	F	F
17	F	F	F	F	F	F	F	F
18	F	F	F	F	F	F	F	F
19	F	F	F	F	F	F	F	F
20	F	F	F	F	F	F	F	F
21	F	F	F	F	F	F	F	F
22	F	F	F	F	F	F	F	F
23	F	F	F	F	F	F	F	F
24	F	F	F	F	F	F	F	F
25	F	F	F	F	F	F	F	F
26	F	F	F	F	F	F	F	F
27	F	F	F	F	F	F	F	F
28	F	F	F	F	F	F	F	F
MEDIAN	0	0	0	0	0	0	0	0
S.D.MED	0	0	0	0	0	0	0	0
L QUART	0	0	0	0	0	0	0	0
U QUART	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

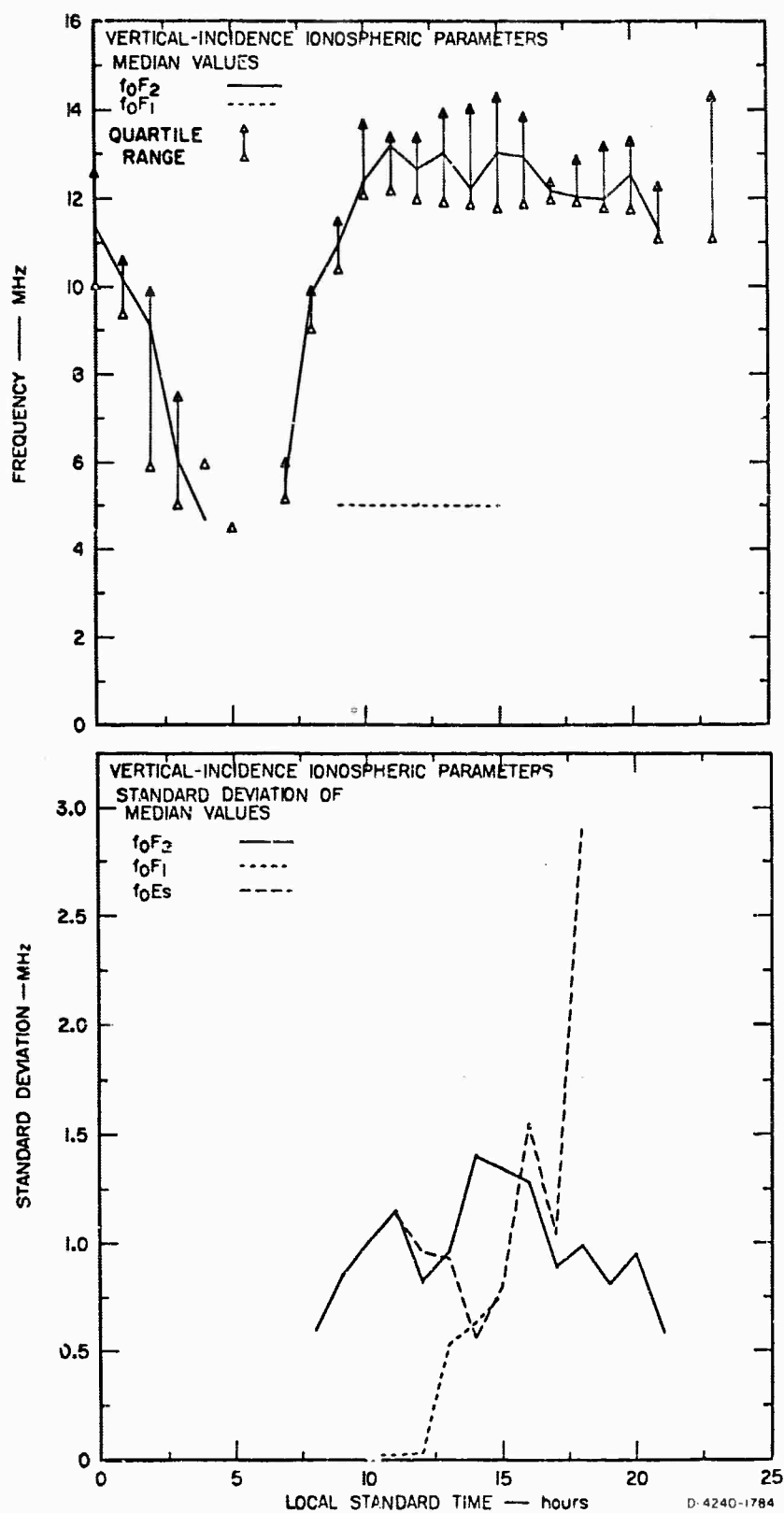
CHARACTERISTIC. H ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

FEB., 1967

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	C	105	100	105	103	102	101	-
2	-	C	C	106	102	101	-	102
3	-	-	-	-	-	-	-	-
4	N	N	-	-	105	-	-	-
5	-	-	-	-	-	109	110	-
6	C	103	103	102	100	101	-	103
7	-	C	-	-	S	-	-	105
8	S	-	S	C	C	C	C	C
9	S	-	-	-	-	S	104	-
10	S	-	-	-	-	-	-	S
11	S	-	-	-	-	-	-	105
12	S	-	-	-	-	-	105	101
13	S	-	-	-	-	118	106	101
14	S	-	-	-	-	100	101	S
15	S	-	-	-	105	-	-	-
16	S	-	-	-	C	-	-	-
17	S	C	-	-	-	-	-	109
18	S	C	-	-	-	-	-	S
19	S	-	-	S	-	-	-	-
20	S	-	-	-	-	-	-	S
21	S	-	-	-	S	-	-	-
22	S	-	-	-	-	-	112	-
23	-	-	-	-	C	-	S	-
24	-	-	-	-	-	-	C	-
25	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-
27	C	S	C	-	S	-	115	-
28	S	-	-	-	-	-	-	-
MEDIAN	0	..	..	105	103	101	105	102
S.D. MED	0	..	..	1.03	1.99	6.53	5.10	1.89
L QUART	0	..	..	102	101	103	102	101
U QUART	0	..	..	106	105	108	111	105
RANGE	0	..	..	4	4	8	9	4



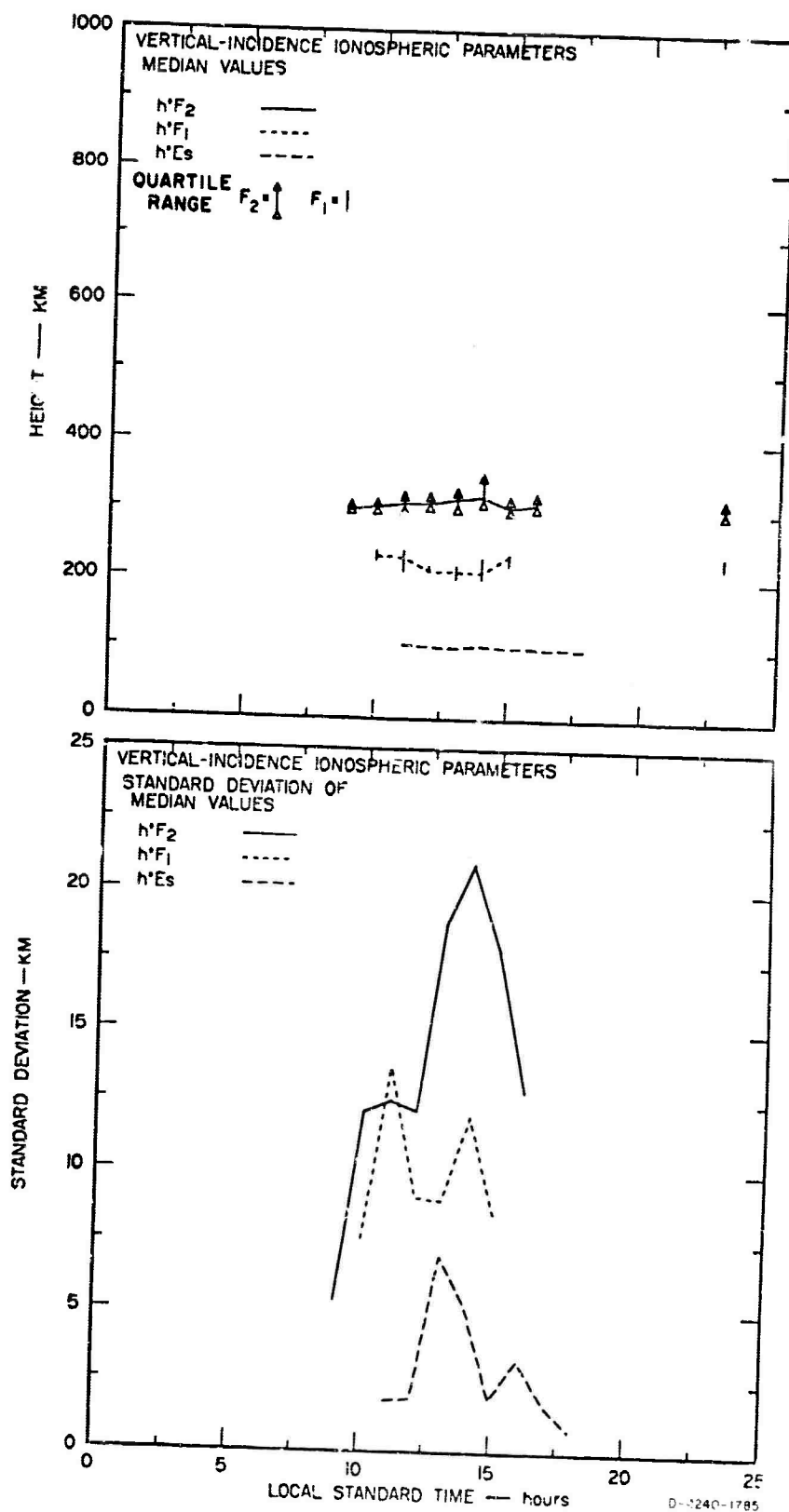


FIG. 60 VIRTUAL HEIGHT SUMMARY, CHIENGMAI, FEBRUARY, 1967

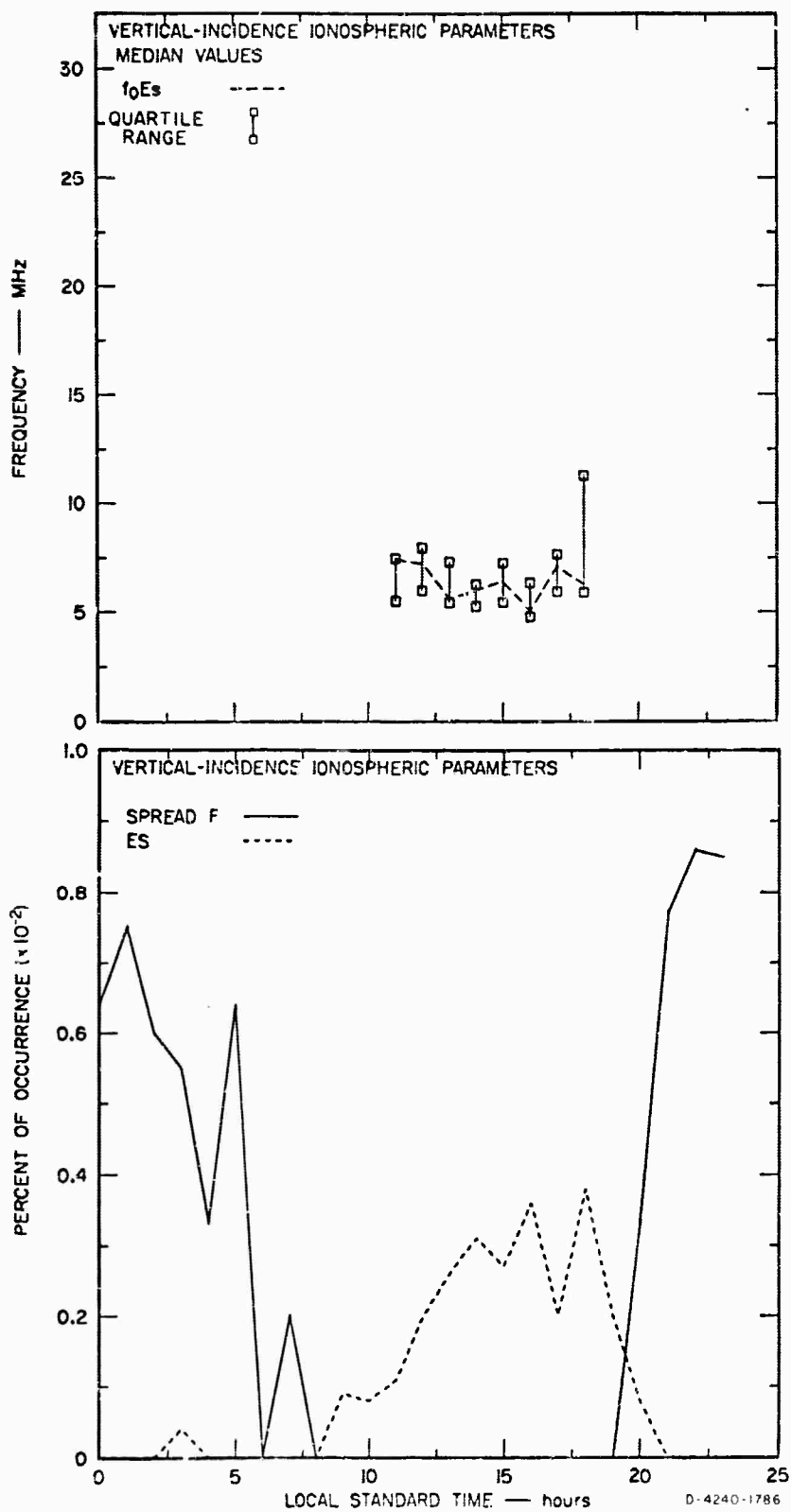


FIG. 61 SPORADIC E AND SPREAD F SUMMARY, CHIENGMAI, FEBRUARY, 1967

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13. ABSTRACT The Granger Model 911 ionospheric sounder systems were operated during 1966 and 1967 at six sites in Thailand ranging between about 7° and 19° North geographic latitude (geomagnetic field dip angles from 5° S to 20° N). This report presents the results from scaling the vertical-incidence ionograms obtained for foF2, h'F2, foF1, h'F1, foEs, h'Es, and percentage of occurrence of Es and spread F. A comparison is made between foF2 values scaled from the Bangkok C-2/3/4 sounder and the Granger sounder for two brief periods-- 6 April through 7 May 1966, and 1 June through 19 June 1967--when both equipments were operated at the same site.			

14 KEY WORDS	LINK A		LINK B		LINK C	
	ROLE	WT	ROLE	WT	ROLE	WT
Ionosphere Vertical-incidence sounding Granger Model 911 sounder Critical frequency foF2, foF1, foEs Virtual height h'F2, h'F1, h'Es Sporadic E Spread F Thailand Southeast Asia SEACORE						