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NATIONAL CLIMATIC DATA CENTER

TD-9693
THUNDERSTORM - CAPE KENNEDY

Documentation Manual



U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration

MAC 66

SHEET NUMBER 1.

2-22-82

CAPE KENNEDY THUNDERSTORM DATA 5703-7212

DATA SHEET FOR EACH FILE IN LIBRARY TID# 9693

I. DOCUMENTATION ATTACHED? YES ☒ , NO ☐

YES, LEVEL OF DOCUMENTATION

FORMAT ONLY ☒ (VERY LITTLE INFORMATION)

LETTER ONLY ☐

COMPLETE ☐

NO. NONE AVAILABLE ☐

STILL SEARCHING ☐

II. HOW MANY UNIQUE ELEMENTS IN THIS FILE? 5

III. GEOGRAPHIC COVERAGE CAPE KENNEDY, FLA.

IV. PERIOD OF RECORD MAR 1957 - DEC 1972.

V. IS THIS ORIGINAL OBSERVED DATA? ☒

OR COMPUTED STATISTICAL DATA ☐

VI. NUMBER OF TIMES USED DURING PERIOD 7-1-73 THRU 12-2-81 0

VII. IMPORTANCE OF USE? LIMITED ☒ , MODERATE ☐ , VERY ☐

VIII. COST TO REPRODUCE DATA SET? TAPE COPY ☐ , SOME REPROCESSING ☐ , RE-RUN ☒
* PROBABLY UNABLE TO REPLACE,

IX. NUMBER OF TAPES IN DATA SET AT PRESENT 1 (1600 BPI)

X. DATA SET SIZE? NO UPDATE/MERGE ☒ , UPDATE/MERGE ☐

- 1. 6
- 2. 3
- 3. 9
- 4. 9
- 5. 3
- 6. 3
- 7. 3
- 8. 9
- 9. 12
- 10. 3
- 11. $\frac{6}{66}$

Job 1324C

KEY TO CODE OF THUNDERSTORM DATA FOR CAPE KENNEDY, FLORIDA

TD 9693

Col 5.

1-2-3 IDN = Identification Number 794 = CAPE Kennedy

4-5 Yh = Year (1957-1967)

6-7 MO = Month (1-12)

8-9 DA = Day

10-11-12-13 BSTM = Beginning Time of Thunderstorm - Eastern Standard Time (EST)

14-15-16-17 ENTM = Ending Time of Thunderstorm (EST)

A1 = Area Thunderstorm First Observed

18 Column 18

0 = All Quadrants

1 = North

2 = Northeast

3 = East

4 = Southeast

5 = South

6 = Southwest

7 = West

8 = Northwest

9 = Overhead

19 Column 19

1 = Octant

2 = Quadrant

3 = Hemisphere

4 = All Except Octant

5 = All Except Quadrant

20-21 A2 = Area Last Observed (Same Code as A1, Using Columns 20, 21 in Place of 18, 19)

22 D = Direction of Movement (See Column 18 - A1)

Period 1/68-6/72

ANNEX REPORT

1 = Thunderstorm
2 = Severe Thunderstorm
3 = Tornado
24 M = Minimum Intensity of Thunderstorm (See Maximum Intensity - X)

25 F = Frequency of Thunder

0 = Not Reported

1 = Occasional

2 = Frequent

26 Q = Is There More Than One Thunderstorm?

1 = Yes 2 = No

27 T = Lightning Type

0 = Not Reported

1 = In Cloud IC

2 = Cloud to Cloud CC

3 = Cloud to Ground CQ

4 = Cloud to Cloud and In Cloud CCIC

5 = Cloud to Ground and In Cloud CQIC

6 = Cloud to Ground and Cloud to Cloud CQCC

7 = In Cloud, Cloud to Ground and Cloud to Cloud ICCQCC

28 I = Lightning Intensity

0 = Not Reported

1 = Distant

2 = Occasional

3 = Frequent

4 = Vivid

5 = Occasional and Distant

6 = Frequent and Distant

7 = Occasional and Vivid

Cels

0 = Frequent and Vivid

29-30 A3 = Arc Lightning was Observed (0 in Column 30 = Not Reported)

31-32 MU = Maximum Gust Speed in Knots (0 in Column 31 = Not Reported)

33-34 MU = Maximum Sustained Wind Speed in Knots

35-36-37-38 TWSF = Time of Wind Shift (EST) (Column 35 - 9 = Not Reported) Wind Shift = Change of 60° and/or knots during the period 15 min. prior to the beginning of the storm through the end of the storm

39-40-41-42 OWDS = Old Wind Direction and Speed in 10's of Degrees and Knots (Column 39 = Not Reported)

43-44-45-46 NWS = New Wind Direction and Speed in 10's of Degrees and Knots (Column 43 = Not Reported)

47 P = Pressure Tendency

0 = Not Reported

1 = Falling Rapidly

2 = Rising Rapidly

48-49-50-51 TPCN = Time of Pressure Change (EST) 9 in 48 if 0 in 47.

52-53-54 MCT = Minimum Ceiling Height During Thunderstorm in 100's of Feet (888 = Unknown, 999 = Unlimited)

55-56-57 MVT = Minimum Visibility During Thunderstorm in Miles 0. SCATTERED

Column 57

0 = 0

1 = 1/16

2 = 1/8

3 = 3/16

4 = 1/4

5 = 5/16

6 = 3/8

7 = 1/2

8 = 5/8

9 = 3/4

6/10THS
OR
MORE

{ 0 BROKEN
1 OVERCAST

58-59 WW = Worst Weather During Thunderstorm

Column 58

0 = No Precipitation Reported