

KBOU
HFUS 1 BOU 260600
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 177A
JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 26 JUNE 1973
IA. ACTIVITY HAS BEEN LOW EXCEPT FOR A 1N FLARE FROM REGION 147 (S09W32)
AT 26/0126Z WHICH WAS ACCCOMPANIED BY A TEN CENTIMETER RADIO BURST
400 FLUX UNITS ABOVE BACKGROUND. THIS EVENT WAS ACCOMPANIED BY A
CLASS M2 X-RAY EVENT.
IB. NO CHANGE
II. NO CHANGE
III. NO CHANGE
IV. NO CHANGE
V. NO CHANGE
SOLTERWARN
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HFUS 1 BOU 261300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 177B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 1300Z 26 JUNE 1973

IA. THE ONLY SIGNIFICANT RECENT SOLAR ACTIVITY WAS A 1 NORMAL FLARE AT 0126Z IN REGION 147 (S08W31) WHICH WAS CLASSED AS A SMALL M X-RAY FLARE AND PRODUCED A 400 FU 10 CM RADIO BURST. OTHER ACTIVITY WAS LIMITED TO SUBFLARES; MOSTLY FROM REGION 147. REGION 147 IS SHOWING SOME GROWTH AND INTENSIFICATION IN WHITE LIGHT AND H-ALPHA. REMAINING REGIONS SHOW NO SIGNIFICANT CHANGES OR ACTIVITY.

IB. SMALL OR MEDIUM CLASS M FLARES MAY OCCASIONALLY ARISE IN REGIONS 147 OR 149 (S02W15), AND SEVERAL SUBFLARES A DAY ARE EXPECTED.

II. THE GEOMAGNETIC FIELD IS QUIET AND IS EXPECTED TO REMAIN SO FOR THE FORECAST PERIOD.

III. EVENT PROBABILITIES 26 JUN - 28 JUN

CLASS M 35/35/35

CLASS X 05/05/05

PROTON 05/05/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 25 JUN 98

PREDICTED 26 JUN - 28 JUN 96/94/93

90-DAY MEAN 25 JUN 99

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 24 JUN 26

ESTIMATED 25 JUN 04

PREDICTED 26 JUN - 28 JUN 06/05/06

SOLIERWARN

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KBOU

HFUS BOU 262200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 177

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 26 JUNE 1973.

IA. SOLAR ACTIVITY HAS BEEN LOW. REGIONS 149 (S08W40) AND 150 (S14W13) HAVE PRODUCED SEVERAL SUBFLARES. ONE, A CLASS C9 IMPORTANCE SUBBRIGHT AT 26/0136Z, REGION 147, GENERATED A 300 TO 400 FLUX UNIT RADIO BURST AT 10 CENTIMETER WAVELENGTH. THERE IS SOME INDICATION OF SLIGHT OVERALL DISSIPATION IN REGION 147, THOUGH THERE IS AN AREA OF NEW EMERGING FLUX ALONG THE SOUTHERN SIDE OF THE LEADING SPOT. A SMALL NEW AREA OF EMERGING FLUX HAS ALSO APPEARED IN THE LEADER OF REGION 150.

IB. CLASS C SUBFLARES ARE EXPECTED FROM REGIONS 147, 150 AND 149 (S03W25). THOUGH THE IMMEDIATE PROSPECT OF CLASS M FLARES FROM REGION 147 MAY BE SLIGHTLY LESSENED, THE OVERALL PROSPECT OF CLASS M ACTIVITY FROM THE REGION REMAINS ABOUT THE SAME.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET AND IS EXPECTED TO REMAIN QUIET, WITH ONLY NOMINAL NIGHTTIME SUBSTORM ACTIVITY UNTIL THE LAST PART OF THE FORECAST PERIOD WHEN A RECURRING NEGATIVE INTERPLANETARY MAGNETIC FIELD STRUCTURE PASSING THE EARTH SHOULD BE ACCCOMPANIED BY A SLIGHTLY DISTURBED PERIOD.

III. EVENT PROBABILITIES 27 JUN - 29 JUN.

CLASS M 35/35/35

CLASS X 05/05/05

PROTON 05/05/10

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 26 JUN 97

PREDICTED 27 JUN - 29 JUN 95/93/92

90-DAY MEAN 26 JUN 99

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 25 JUN 08

ESTIMATED 26 JUN 03

PREDICTED 27 JUN - 29 JUN 05/05/08

SOLTERWARN

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why the 10%?