

HFUS 1 BOU 080600
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO
SDF NUMBER 220A
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 08 AUGUST 1974
IA. SOLAR ACTIVITY REMAINS VERY LOW. NO SIGNIFICANT CHANGES HAVE
OCCURRED ON THE DISK.
IB. ACTIVITY IS EXPECTED TO REMAIN AT LOW LEVELS.
II. THE GEOMAGNETIC FIELD CONTINUES TO BE ACTIVE. ACTIVE TO MINOR
STORM CONDITIONS ARE EXPECTED IN RESPONSE TO RECURRENT SECTOR
STRUCTURES.
III. EVENT PROBABILITIES NO CHANGE
IV. OTTAWA 10.7 CM FLUX NO CHANGE
V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 06 AUGUST 15
ESTIMATED AFR/AP 07 AUGUST 18/24
PREDICTED AFR/AP 08-10 AUGUST 23/30 - 18/21 - 17/19
SOLTERWARN
SPAN
BT

HFUS 1 BOU 081400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 220B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY ISSUED 1400Z 08 AUGUST 1974

IA. SOLAR ACTIVITY CONTINUED VERY LOW DURING THE LAST 24 HOURS WITH ACTIVITY LIMITED TO THREE SMALL, NON-ENERGETIC SUBFLARES. NONE OF THE REGIONS ON THE DISK SHOW ANY SIGNIFICANT GROWTH OR INDIVIDUAL COMPLEXITY, BUT THE PROXIMITY OF THE THREE REGIONS 461(S09E26), 462(S06E38), AND 464(S14E35) RESULTS IN A RELATIVELY COMPLEX, LARGER-SCALE MAGNETIC STRUCTURE IN THE SE QUADRANT.

IB. THE POSSIBILITY OF INTERACTION BETWEEN THE REGIONS MENTIONED ABOVE HAS RESULTED IN SLOWLY INCREASING PROBABILITIES OF SMALL CLASS M EVENTS, ALTHOUGH SOLAR ACTIVITY SHOULD CONTINUE VERY LOW FOR THE NEXT 24 TO 48 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE DURING THE LAST 24 HOURS WITH NEAR MINOR STORM CONDITIONS AT HIGH LATITUDES. THE DISTURBANCE SHOULD DECREASE SLOWLY, BUT ACTIVE CONDITIONS ARE EXPECTED THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 08 AUG - 10 AUG

CLASS M 10/15/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 07 AUG 84

PREDICTED 08 AUG- 10 AUG 86/86/85

90-DAY MEAN 07 AUG 87

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 06 AUG 15

ESTIMATED AFR/AP 07 AUG 18/24

PREDICTED AFR/AP 08 AUG- 10 AUG 23/30 - 18/21 - 17/19

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HFUS BOU 082200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 220

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 08 AUGUST 1974

IA. SOLAR ACTIVITY CONTINUES VERY LOW. TINY SUBFLARES HAVE OCCURRED IN THE VICINITY OF THE LARGE SUNSPOT (REGION 461 S09E22) ACCCOMPANIED BY TYPE III RADIO BURSTS. TINY SUNSPOTS AND PLAGE ELEMENTS HAVE DEVELOPED AROUND THE SPOT. NO SIGNIFICANT CHANGE IN THE OTHER SMALL REGIONS. A FAINT SUBFLARE AT 1735Z IN REGION 465 (S05E51) WAS ACCCOMPANIED BY A LONG-LIVED WEAK X-RAY ENHANCEMENT.

IB. A RETURNING REGION AT SOUTHEAST LIMB ON 10 AUGUST WILL NOT CAUSE ANY SIGNIFICANT INCREASE IN ACTIVITY. NO ENERGETIC EVENTS WILL OCCUR UNLESS THERE IS SIGNIFICANT GROWTH IN THE COMPLEX OF REGIONS IN THE SOUTHEAST QUADRANT.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE TO UNSETTLED DURING THE PAST 24 HOURS. SIMILAR CONDITIONS WILL PREVAIL FOR TWO MORE DAYS BEFORE A PERIOD OF RELATIVE QUIET BEGINS.

III. EVENT PROBABILITIES 09 - 11 AUGUST

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 AUGUST 87

PREDICTED 09 - 11 AUGUST 85/84/86

90-DAY MEAN 08 AUGUST 87

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 07 AUGUST 19

ESTIMATED AFR/AP 08 AUGUST 17/22

PREDICTED AFR/AP 09 - 11 AUGUST 16/18 - 16/18 - 10/12

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