

KBOU

HFUS 1 BOU 180500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 230A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 18 AUGUST 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW, DURING THE PAST 8 HOURS.
NO FLARES HAVE BEEN OBSERVED. THE DISK REGIONS AND THE LIMBS
APPEAR QUIET AND STABLE.

IB. SOLAR ACTIVITY WILL CONTINUE AT A VERY LOW LEVEL DURING THE
NEXT 8 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET AND IS EXPECTED TO
REMAIN QUIET TO UNSETTLED DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES - NO CHANGE

IV. OTTAWA 10.7 CM FLUX - NO CHANGE

V. GEOMAGNETIC A INDICES - NO CHANGE
SOLTERWARN

BT

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HFUS 1 BOU 181430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 230B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 18 AUGUST 1974

IA. SOLAR ACTIVITY REMAINS VERY LOW. TWO SUBFLARES HAVE BEEN
REPORTED THIS ZULU DAY, BOTH IN REGION 468 (N10W53) WHICH
CONTINUES SLOW GROWTH. SURGING HAS BEEN REPORTED AT NW10 AND
SE10, AND OCCASIONAL X-RAY ENHANCEMENTS HAVE BEEN NOTED.

IB. ACTIVITY IS EXPECTED TO REMAIN LOW TO VERY LOW THROUGHOUT
THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET, EXCEPT FOR A BRIEF
PERIOD OF ACTIVE CONDITIONS FROM 06-09Z. QUIET TO UNSETLED
CONDITIONS ARE EXPECTED TODAY, FOLLOWED BY RECURRENT MINOR
STORM CONDITIONS FOR THE REMAINDER OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 18 - 20 AUGUST

CLASS M 10/10/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM-FLUX

OBSERVED 17 AUGUST 96

PREDICTED 18 - 20 AUGUST 92/90/85

90-DAY MEAN 17 AUGUST 89

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 16 AUGUST 09

ESTIMATED AFR/AP 17 AUGUST 06/07

PREDICTED AFR/AP 18 - 20 -AUGUST 11/12 - 37/55 - 32/45

SOLTERWARN

BT

HFUS 1 BOU 182200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 230

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 18 AUGUST 1974

IA. SOLAR ACTIVITY CONTINUES VERY LOW, WITH NO MAJOR CHANGES HAVING OCCURRED ON THE DISK. SEVERAL SMALL X-RAY ENHANCEMENTS HAVE BEEN OBSERVED AT SATELLITE ALTITUDES, THE LARGEST BEING A CLASS C-1 EVENT ON GOES WHICH REACHED MAX AT 18/1733Z BUT WHICH HAD A SLOW RISE/FALL LASTING FROM 1700 TO 1900Z. MOST OF THESE ENHANCEMENTS WERE NOT FLARE RELATED. SMALL SURGES HAVE BEEN REPORTED NEAR SE10.

IB. ACTIVITY IS EXPECTED TO REMAIN LOW, ALTHOUGH THE SURGING AND X-RAY ENHANCEMENTS SUGGEST THAT THE PREVIOUSLY ACTIVE COMPLEX NEAR LONGITUDE 180, DUE BACK 19 AUGUST, MAY HAVE REDEVELOPED.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED TO MILDLY ACTIVE. RECURRENT MINOR STORM CONDITIONS ARE EXPECTED 19-20 AUGUST, FOLLOWED BY ACTIVE CONDITIONS 21 AUGUST.

III. EVENT PROBABILITIES, 19 AUG - 21 AUG

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 AUG 94

PREDICTED 19 AUG - 21 AUG 90/85/85

90-DAY MEAN 18 AUG 89

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 17 AUG 06

ESTIMATED AFR/AP 18 AUG 14/16

PREDICTED AFR/AP 19 AUG - 21 AUG 31/45 - 29/40 - 20/30

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