

HXUS BOU 130500
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 286A
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 13 OCTOBER 1974
IA. SOLAR ACTIVITY HAS BEEN LOW DURING THE PAST 8 HOURS. THE DISK
REGIONS HAVE BEEN QUIET AND THE LIMBS ARE QUIET.
IB. SOLAR ACTIVITY WILL CONTINUE AT PRESENT LEVEL BUT THE DISK
REGIONS 503 (N09W14) AND 505 (N11W25) ARE BOTH CAPABLE OF PRODUCING
MAJOR ACTIVITY.
II. THE GEOMAGNETIC DISTURBANCE WHICH WAS MENTIONED IN SDF 285
REACHED STORM INTENSITY AT 13/0230Z. THE DISTURBANCE IS EXPECTED TO
CONTINUE DURING THE NEXT 72 HOURS.
III. EVENT PROBABILITIES - NO CHANGE
IV. OTTAWA 10.7 CM FLUX - NO CHANGE
V. GEOMAGNETIC A INDICES - NO CHANGE
SOLTERWARN
BT

HFUS BOU 131430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 286B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 13 OCTOBER 1974

IA. SOLAR ACTIVITY HAS BEEN MODERATE THE PAST 24 HOURS WITH ALL
THE ACTIVITY IN REGIONS 503 (N09W19) AND 505 (N11W30). AN M2,
0B FLARE OCCURRED AT 0508Z IN REGION 503. AN M3, 1N FLARE OCCURRED
IN REGION 505 AT 0926Z. OTHERWISE ACTIVITY HAS BEEN LESS THAN M.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT LEAST MODERATE THIS
PERIOD. REGIONS 503 AND 505 ARE STILL CAPABLE OF MAJOR FLARE
ACTIVITY.

II. THE GEOMAGNETIC FIELD BECAME DISTURBED TO NEAR MAJOR STORM
LEVEL AT ABOUT 0230Z. IT IS EXPECTED TO REMAIN AT THIS LEVEL THE
NEXT 48 HOURS AND THEN DECREASE TO ACTIVE CONDITIONS.

III. EVENT PROBABILITIES 13 - 15 OCT

CLASS M 90/90/90

CLASS X 50/50/45

PROTON 30/35/35

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 12 OCT 145

PREDICTED 13 - 15 OCT 140/133/128

90-DAY MEAN 12 OCT 90

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 11 OCT 07

ESTIMATED AFR/AP 12 OCT 15/17

PREDICTED AFR/AP 13 - 15 OCT 35/50 - 30/45 - 24/30

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HFUS BOU 132200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 286

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 13 OCTOBER 1974

IA. SOLAR ACTIVITY REMAINS AT A MODERATE LEVEL, BUT FLARE PRODUCTION HAS DECREASED. THE OTTAWA 10-CM FLUX HAS DROPPED SIGNIFICANTLY AND THE TYPE IV DEKAMETRIC CONTINUUM HAS STOPPED. THUS THERE ARE SOME INDICATIONS THAT REGIONS 503 (N10W26) AND 505 (N12W36) MAY HAVE STABILIZED. THEY STILL REMAIN COMPLEX REGIONS, HOWEVER. THERE WAS AN M4 (0B) EVENT IN REGION 503 AT 130508Z AND AN M3 (1N) EVENT IN REGION 505 AT 130926Z. OTHERWISE, ACTIVITY HAS BEEN BELOW M-LEVEL.

IB. SOLAR ACTIVITY SHOULD BE MODERATE THE NEXT 72 HOURS AS REGIONS 503 AND 505 RETAIN THEIR POTENTIAL FOR ENERGETIC EVENTS.

II. THE GEOMAGNETIC FIELD HAS BEEN AT MAJOR STORM LEVEL SINCE 0230Z. IT IS EXPECTED TO BE AT ACTIVE LEVELS THE NEXT 24 HOURS AND UNSETLED TO ACTIVE THE FOLLOWING 48 HOURS.

III. EVENT PROBABILITIES 14 OCT - 16 OCT

CLASS M	90/80/75
CLASS X	50/45/40
PROTON	30/30/30
PCAF	YELLOW

IV. OTTAWA 10.7 CM. FLUX

OBSERVED	13 OCT 127
PREDICTED	14 OCT - 16 OCT 122/120/115
90-DAY MEAN	13 OCT 91

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG	12 OCT 19
ESTIMATED AFR/AP	13 OCT 50/75
PREDICTED AFR/AP	14 OCT - 16 OCT 18/20 - 13/15 - 25/30
SOLTERWARN	
BT	