

HFUS 1 BOU 140600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 318A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 14 NOV 1974

IA. SOLAR ACTIVITY HAS BEEN AT A VERY LOW LEVEL DURING THE PAST 8 HOURS, AND NO ENERGETIC EVENTS HAVE BEEN REPORTED. NO SIGNIFICANT DEVELOPMENT HAS OCCURRED RECENTLY.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL, AND NO ENERGETIC FLARES ARE EXPECTED.

II. THE GEOMAGNETIC DISTURBANCE THAT BEGAN ON 11 NOVEMBER IS STILL IN PROGRESS, AND MINOR STORM CONDITIONS HAVE BEEN OBSERVED AT MID-LATITUDES DURING THE PAST 8 HOURS. MINOR STORM CONDITIONS ARE LIKELY TO CONTINUE FOR 24-36 HOURS, WITH MAXIMUM DISTURBANCE LIKELY DURING LOCAL NIGHTTIME.

III. EVENT PROBABILITIES NO CHANGE

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 12 NOV 38

ESTIMATED AFR/AP 13 NOV 25/35

PREDICTED AFR/AP 14-16 NOV 24/30 - 17/20 - 17/20

SOLTERWARN

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HFUS 1 BOU 141430
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 318B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 14 NOV 1974
IA. SOLAR ACTIVITY CONTINUES VERY LOW. NO FLARES HAVE BEEN
REPORTED FOR ALMOST 3 DAYS.
IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW. THE TWO
WEAK REGIONS CURRENTLY ON THE VISIBLE DISK CONTINUE TO DECAY.
II. THE GEOMAGNETIC FIELD HAS BEEN AT MINOR MAGNETIC STORM
LEVELS DURING THE PAST 12 HOURS. THE FIELD IS EXPECTED CONTINUE
ACTIVE THROUGH THE FORECAST PERIOD.
III. EVENT PROBABILITIES 14 - 16 NOV
CLASS M 01/01/01
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. OTTAWA 10.7 CM FLUX
OBSERVED 13 NOV 78
PREDICTED 14 - 16 NOV 77/76/75
90-DAY MEAN 13 NOV 90
V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 12 NOV 38
ESTIMATED AFR/AP 13 NOV 21/41
PREDICTED AFR/AP 14 - 16 NOV 33/43 - 17/20 - 17/20
SOLTERWARN
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HFUS BOU 142200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 318

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVIT
ISSUED 2200Z 14 NOV 1974

IA. SOLAR ACTIVITY REMAINS VERY LOW. NO FLARES HAVE BEEN REPORTED
FOR MORE THAN 3 DAYS. NEW ACTIVE REGION 524 (N12E88) WAS MILDLY
ACTIVE DURING LIMB TRANSIT. X-RAY BACKGROUND LEVELS ARE RISING,
PROBABLY DUE TO THIS NEW REGION.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE LOW. REGION 524
SHOULD BE REGARDED WITH CAUTION, AT LEAST UNTIL IT CAN BE MORE
FULLY ANALYZED. OTHER REGIONS ARE WEAK AND QUIET. NO SIGNIFICANT
OLD REGIONS ARE DUE TO RETURN.

II. THE GEOMAGNETIC FIELD HAS BEEN AT OR NEAR MINOR MAGNETIC
STORM LEVELS FOR MOST OF THE PAST 24 HOURS. THE FIELD BECAME
QUIET AT ABOUT 14/1700Z BUT IS EXPECTED TO BE ESSENTIALLY ACTIVE
THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 15 NOV - 17 NOV 1974

CLASS M 01/03/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 14 NOV 79

PREDICTED 15 - 17 NOV 80/81/79

90-DAY MEAN 14 NOV 90

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 13 NOV 23

ESTIMATED AFR/AP 14 NOV 33/57

PREDICTED AFR/AP 15 - 17 NOV 25/33 - 25/33 - 15/17

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