

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 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
BT

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 33/48 - 17/20 - 17/20

SOLTERWARN

BT

HFUS BOU 142200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO
SDF NUMBER 318
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
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
SOLTERWARN
BT