

IFUS BOU

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 089A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600 Z 30 MARCH 1974

I.A. Solar activity has been very low during the past 8 hours, no flares have been observed and the limbs have been quiet.

I.B. Solar activity will continue at a very low level during the next 24 hours.

II. The geomagnetic field has been unsettled during the past 8 hours. The disturbance is below storm level and will continue during the next 24 hours.

III. EVENT PROBABILITIES no change.
CLASS M _____ / _____ / _____
CLASS X _____ / _____ / _____
PROTON _____ / _____ / _____
PCAF _____

IV. OTTAWA 10.7 CM FLUX no change.
OBSERVED _____ - _____
PREDICTED _____ - _____ / _____
90-DAY MEAN _____

V. GEOMAGNETIC A INDICES no change.
OBSERVED FREDERICKSBURG _____
ESTIMATED AFR/AP _____ / _____
PREDICTED AFR/AP _____ - _____ / _____ - _____ / _____

NOTE: A recent comparison between two years of Fredericksburg and Planetary Magnetic indices has shown that Ap appears higher than A^FREDERICKSBURG. Therefore, both indices will be included in future forecasts. Only extrapolated A_P values will be given since the computation and publication of the actual observed Ap values require approximately three months.

HFUS BOU 301400
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO.
SDF NUMBER 089B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 30 MARCH 1974
IA. SOLAR ACTIVITY HAS BEEN VERY LOW. ONLY ONE SMALL SUBFLARE
HAS BEEN NOTED DURING THE PAST 24 HOURS, THIS FROM NEW REGION
373 (S10E51).
IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW. REGION 373 IS
A TINY VERY INTENSE AREA WHICH PRESENTLY APPEARS TO BE GROWING.
THIS REGION IS EXPECTED TO BE SHORT-LIVED. REGION 372 (N08W62)
IS NOW DECLINING. OTHERWISE, THE DISK AND LIMBS ARE QUIET.
II. THE GEOMAGNETIC FIELD CONTINUES ACTIVE. IT IS EXPECTED
TO TREND TOWARD AN UNSETTLED STATE AND THEN BECOME MILDLY ACTIVE
AGAIN AT THE END OF THE FORECAST PERIOD.
III. EVENT PROBABILITIES 30 MARCH - 01 APRIL
CLASS M 03/03/03
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. OTTAWA 10.7 CM FLUX
OBSERVED 29 MARCH 72
PREDICTED 30 MARCH - 01 APRIL 72/72/72
90-DAY MEAN 29 MARCH 79
V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 29 MARCH 24
PREDICTED AFR/AP 30 MARCH - 01 APRIL 22/28 - 15/17 - 18/21
SOLTERWARN
SPAN
BT

HFUS BOU 302200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 089
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 30 MARCH 1974

IA. SOLAR ACTIVITY CONTINUES VERY LOW WITH ONLY ONE SMALL SUBFLARE REPORTED DURING THE LAST 24 HOURS. THERE ARE PRESENTLY THREE SMALL RELATIVELY QUIESCENT REGIONS ON THE VISIBLE DISK.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW THROUGH THE FORECAST PERIOD. THE PRESENT SOLAR REGIME INDICATES SMALL NON-PRODUCTIVE SHORT-LIVED REGIONS SHOULD BE EXPECTED TO APPEAR.

II. THE GEOMAGNETIC FIELD HAS QUIETED SUBSTANTIALLY DURING THE PAST 12 HOURS. THE FIELD IS EXPECTED TO BE UNSETLED TO MILDLY ACTIVE THROUGH THE FORECAST PERIOD. THE FIELD SHOULD BE MOST ACTIVE DURING LOCAL NIGHTTIME HOURS.

III. EVENT PROBABILITIES 31 MARCH - 02 APRIL

CLASS M 03/03/03

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX
OBSERVED 30 MARCH 72
PREDICTED 31 MARCH - 02 APRIL 72/72/72
90-DAY MEAN 30 MARCH 81

V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 29 MARCH 24
ESTIMATED AFR/AP 30 MARCH 14/16
PREDICTED AFR/AP 31 MARCH - 02 APRIL 15/17 - 15/17 - 15/17

SOLTERWARN

SPAN

BT