

JESUS BOU

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO

SDF NUMBER 090A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600 Z 31 MARCH 1974

- I A. Solar activity has been very low during the past 8 hours. No flares have been observed. The disk regions and the winds are stable and quiet

I B. Solar activity is expected to remain at a low level.

II. The geomagnetic field has been slightly unsatellite and is expected to remain unsatellite 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 A _{FR/AP}	-	-	-	-	-
PREDICTED A _{FR/AP}	-	-	-	-	-

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

HFUS 1 BOU 311400
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 090B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 31 MARCH 1974

IA. SOLAR ACTIVITY CONTINUES VERY LOW. REGION 372(N08W77) APPEARS TO BE DECAYING BUT HAS SHOWN SOME POINT BRIGHTENINGS TO NEAR FLARE INTENSITY. REGION 373(S10E36) PRODUCED THE ONLY ACTIVITY DURING THE LAST 24 HOURS, A SUBFAINT FLARE AT 30/1752Z. THIS REGION IS SLOWLY GROWING AND HAS SHOWN INTENSITY FLUCTUATIONS BUT NOW APPEARS STABLE. NEW REGION 374(N14E68) CONTAINS A B TYPE SPOT GROUP AND A SMALL BRIGHT PLAGUE.

IB. WHILE SOME SUBFLARE ACTIVITY IS LIKELY, NONE OF THE ABOVE REGIONS APPEAR CAPABLE OF PRODUCING ACTIVITY, THUS SOLAR ACTIVITY SHOULD CONTINUE VERY LOW.

II. THE GEOMAGNETIC FIELD CONTINUES ACTIVE, AND UNSETLED TO SLIGHTLY ACTIVE CONDITIONS SHOULD CONTINUE THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 31 MAR - 02 APR

CLASS M	03/03/03
CLASS X	01/01/01
PROTON	01/01/01
PCAF	GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED	30 MAR	72
PREDICTED	31 MAR - 02 APR	72/72/72
90-DAY MEAN	30 MAR	81

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG	29 MAR	24
ESTIMATED AFR/AP	30 MAR	14/16
PREDICTED AFR/AP	31 MAR-02 APR	18/21 - 15/17 - 15/17
SOLTERWARN		
SPAN		
BT		

HFUS BOU 312200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 090
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 31 MAR 1974

IA. SOLAR ACTIVITY CONTINUES VERY LOW WITH NO FLARES REPORTED DURING THE LAST 24 HOURS. NONE OF THE THREE SMALL REGIONS NOW ON THE DISK APPEAR TO BE GROWING OR CAPABLE OF ENERGETIC ACTIVITY.

IB. SOLAR ACTIVITY SHOULD CONTINUE VERY LOW THROUGH THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD CONTINUES ACTIVE, AND UNSETLED TO ACTIVE CONDITIONS SHOULD CONTINUE THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 01-03 APRIL

CLASS M 03/03/03

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 31 MAR 73

PREDICTED 01-03 APR 74/75/76

90-DAY MEAN 31 MAR 81

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 30 MAR 14

ESTIMATED AFR/AP 31 MAR 19/22

PREDICTED AFR/AP 01-03 APR 15/17 - 15/17 - 15/17

SOLTERWARN

SPAN

BT