

BOU

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

NUMBER 068 A

CONT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

SUED 0600 Z 09 MARCH 1974

1A. Solar activity has been very low. No flares have been observed during the past 8 hours. The sunspots are quiet.

1B. Solar activity will continue at a very low level.

The geomagnetic field is in an unsettled condition and will continue to be unsettled during the next 24 hours.

I. EVENT PROBABILITIES no change

CLASS M	/	/	/	/
CLASS X	/	/	/	/
PROTON	/	/	/	/
PCAF	/	/	/	/

II. OTTAWA 10.7 CM FLUX no change

OBSERVED	/	/	/	/
PREDICTED	-	/	/	/
90-DAY MEAN	/	/	/	/

GEOMAGNETIC A INDICES no change.

OBSERVED FREDERICKSBURG	/	/	/	/
ESTIMATED A_{FR}/A_P	/	/	/	/
PREDICTED A_{FR}/A_P	-	/	/	/

TE: A recent comparison between two years of Fredericksburg and Planetary Magnetic indices has shown that A_p 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 A_p values require approximately three months.

HFUS BOU 091400
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 068B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 09 MAR 1974

IA. SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL.
IB. NO SIGNIFICANT CHANGES ARE EXPECTED.
II. THE GEOMAGNETIC FIELD IS UNSETLED TO ACTIVE AND THESE
CONDITIONS ARE EXPECTED TO CONTINUE FOR THE NEXT 24 TO 36 HOURS.
III. EVENT PROBABILITIES 09 - 11 MAR

CLASS M 02/02/02
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED	08 MAR	78
PREDICTED	09 - 11 MAR	78/79/81
90 - DAY MEAN	08 MAR	83

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG	07 MAR	10
ESTIMATED AFR/AP	08 MAR	11/12
PREDICTED AFR/AP	09 - 11 MAR	13/14 - 22/28 - 24/31

SOLTERWARN
SPAN
BT

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 068
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 09 MARCH 1974.

IA. THE SOLAR DISK CONTINUES QUIET AS NO FLARES HAVE BEEN REPORTED DURING THE PAST 24 HOURS. REGION 361 (N06E24) SHOWS LITTLE CHANGE SINCE YESTERDAY AND REMAINS A SMALL, SIMPLE H TYPE GROUP. A SIMPLE BI-POLAR GROUP HAS EMERGED NEAR N01E10 AND IS DESIGNATED NUMBER 362. A SMALL APR AT SE18 PROBABLY PRESAGES THE RETURN OF OLD REGION 352.

IB. SOLAR ACTIVITY WILL CONTINUE AT A LOW LEVEL FOR THE NEXT 3 DAYS.

II. THE GEOMAGNETIC FIELD IS UNSETLED TO ACTIVE AND SHOULD CONTINUE SO FOR THE NEXT 36 TO 48 HOURS. QUIET TO UNSETLED CONDITIONS SHOULD RETURN BY 12 MARCH.

III. EVENT PROBABILITIES 10 MAR - 12 MAR.

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 09 MAR 81

PREDICTED 10 MAR - 12 MAR 82/83/85

90-DAY MEAN 09 MAR 83

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 08 MAR 14

ESTIMATED AFR/AP 09 MAR 18/21

PREDICTED AFR/AP 10 MAR - 12 MAR 22/28 - 24/31 - 15/17

SOLTERWARN

SPAN

BT