

NUMBER 068A

JOINT 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 sun is quiet.

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

2. 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 - / - /

NOTE: 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 UNSETTLED 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 UNSETTLED TO ACTIVE AND SHOULD CONTINUE SO FOR THE NEXT 36 TO 48 HOURS. QUIET TO UNSETTLED 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

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