

HFUS 3 BOU 080600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 098A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 08 APRIL 1977

IA. SOLAR ACTIVITY WAS VERY LOW DURING THE PAST EIGHT HOURS.
THE DISK IS STILL SPOTLESS, AND THE LIMBS ARE QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL
THROUGH THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD WAS DISTURBED TO MINOR STORM LEVEL
FROM ABOUT 08/0000Z TO 08/0300Z AND WAS ACTIVE TO UNSETTLED FROM
08/0300Z TO 08/0600Z. THE GEOMAGNETIC FIELD SHOULD BE GENERALLY
ACTIVE DURING THE NEXT 18 HOURS WITH BRIEF PERIODS OF MINOR
STORM CONDITIONS.

III. EVENT PROBABILITIES 08 APRIL - 10 APRIL

CLASS M 05/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 07 APRIL 77

PREDICTED 08 APRIL - 10 APRIL 76/75/75

90-DAY MEAN 07 APRIL 79

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 06 APRIL 30

ESTIMATED AFR/AP 07 APRIL 40/42

PREDICTED AFR/AP 08-10 APRIL 25/20 - 20/20 - 20/15

SOLTERWARN

BT

HFUS 1 BOU 081500
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO
SDF NUMBER 098-B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 08 APRIL 1977
IA. SOLAR ACTIVITY HAS BEEN VERY LOW. THE SUN IS SPOTLESS WITH
THE DISK AND LIMBS QUIET.
IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.
II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE WITH SHORT PERIODS
ATTAINING MINOR STORM INTENSITY.
THESE CONDITIONS SHOULD CONTINUE FOR THE NEXT 24 HOURS.
III. EVENT PROBABILITIES 08 APRIL - 10 APRIL
CLASS M 05/01/01
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. OTTAWA 10.7 CM FLUX
OBSERVED 07 APRIL 77
PREDICTED 08 APRIL - 10 APRIL 76/75/75
90-DAY MEAN 07 APRIL 79
V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 06 APRIL 30
ESTIMATED AFR/AP 07 APRIL 40/42
PREDICTED AFR/AP 08-10 APRIL 25/20 - 20/20 - 20/15
SOLTERWARN
BT

HFUS 1 BOU 082200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 098

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 08 APRIL 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. AN A-TYPE SUNSPOT WAS
OBSERVED BY BOULDER AND MT. WILSON IN REGION 806 (N28W28).
HOWEVER, THE H-ALPHA PLAGE IS SMALL AND CURRENTLY SHOWS NO
GROWTH TENDENCY.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE WITH SHORT PERIODS
ATTAINING MINOR STORM INTENSITY. THE FIELD IS EXPECTED TO REMAIN
GENERALLY ACTIVE FOR THE NEXT 24 - 36 HOURS AND THEN BECOME UNSETTLED
WITH SHORT PERIODS OF ACTIVE CONDITIONS.

III. EVENT PROBABILITIES 09 - 11 APRIL

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 APRIL 74

PREDICTED 09 - 11 APRIL 73/73/74

90-DAY MEAN 08 APRIL 79

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 07 APRIL 35

ESTIMATED AFR/AP 08 APRIL 24/30

PREDICTED AFR/AP 09 - 11 APRIL 20/20 - 18/15 - 10/15

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