

NFUS 3 BOU 030430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 123A

JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 03 MAY 1978

IA. SOLAR ACTIVITY HAS BEEN LOW TO MODERATE DURING THE PAST EIGHT HOURS. REGION 1098 (S29W89) HAS PRODUCED SEVERAL NON ENERGETIC FLARES. THE OTHER REGIONS HAVE BEEN QUIET. REGION 1092 (N21W25) HAS DECLINED SOMEWHAT. REGION 1095 (N23W08) HAS SHOWN A LITTLE GROWTH.

IB. SOLAR ACTIVITY WILL BE MODERATE TO HIGH. REGIONS 1092 AND 1095 ARE CAPABLE OF ENERGETIC ACTIVITY.

II. THE GEOMAGNETIC FIELD HAS BEEN AT MINOR STORM LEVEL AND IS EXPECTED TO CONTINUE AT THAT LEVEL.

III. EVENT PROBABILITIES 03 MAY - 05 MAY

CLASS M 95/95/95

CLASS X 70/70/70

PROTON 50/60/70

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 02 MAY 180

PREDICTED 03-05 MAY 176/172/164

90-DAY MEAN 02 MAY 148

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 01 MAY 66

ESTIMATED AFR/AP 02 MAY 55/88

PREDICTED AFR/AP 03-05 MAY 50/50 - 40/40 - 20/20

SOLTERWARN

BT

HFUS 3 BOU 031500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 123B

JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 03 MAY 1978

IA. SOLAR ACTIVITY HAS BEEN AT A LOW LEVEL IN TERMS OF REPORTED FLARE ACTIVITY WITH ONLY MINOR EVENTS BEING OBSERVED. REGION 1098 (S28WL) IS MAKING AN IMPRESSIVE DEPARTURE WITH CONTINUOUS SURGE ACTIVITY. REGION 1092 (N21W30) HAS BEEN ACTIVE IN MINOR ACTIVITY AND REMAINS COMPLEX. SOME DECLINE HAS BEEN OBSERVED IN REGION 1095 (N23W13). GROWTH AND MINOR ACTIVITY IS BEING REPORTED IN REGION 1102 (N17E58). X-RAY BACKGROUND REMAINS AROUND THE C-1 LEVEL.

IB. SOLAR ACTIVITY WILL BE MODERATE TO HIGH THRU THE FORECAST PERIOD. REGIONS 1092 AND 1095 REMAIN THE MOST LIKELY CENTERS FOR ENERGETIC ACTIVITY.

II. THE MINOR GEOMAGNETIC STORM CONTINUES. DISTURBED CONDITIONS ARE EXPECTED TO CONTINUE THRU THE FORECAST PERIOD.

III. EVENT PROBABILITIES 03 MAY - 05 MAY

CLASS M 95/95/95

CLASS X 70/70/70

ROTTON 50/60/70

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 02 MAY 180

PREDICTED 03-05 MAY 176/172/164

90-DAY MEAN 02 MAY 148

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 01 MAY 66

ESTIMATED AFR/AP 02 MAY 55/88

PREDICTED AFR/AP 03-05 MAY 50/50 - 40/40 - 20/20

SOLTERWARN

BT

MFUS 1 BOU 032200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 123

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 03 MAY 1978

IA. SOLAR ACTIVITY WAS AT A MODERATE LEVEL THE PAST 24 HOURS.
REGION 1092 (N20W35) HAS BEEN RELATIVELY STABLE WITH INFREQUENT
FLARES BEING REPORTED. THIS AREA REMAINS COMPLEX AND RETAINS ITS
DELTA CONFIGURATION. AN INCREASE IN ACTIVITY HAS OCCURRED IN
REGIONS 1095 (N23W15) AND 1102 (N14E48). REGION 1095 PRODUCED A
C-8 AT 2025Z. MT WILSON REPORTED A DELTA IN THE LEADER OF 1095
AT 1431Z. REGION 1102 IS DEVELOPING. SURGE ACTIVITY IS STILL
PRESENT NEAR SW25 WHERE REGION 1098 IS DEPARTING.

IB. THE MODERATE LEVEL OF SOLAR ACTIVITY SHOULD CONTINUE THRU
THE FORECAST PERIOD WITH MORE ENERGETIC ACTIVITY POSSIBLE FROM
REGIONS 1092 AND 1095. THESE REGIONS ALTHO SOMEWHAT STABLE, ARE
STILL CAPABLE OF MAJOR FLARES AND SHOULD BE CLOSELY MONITORED
FOR NEW DEVELOPMENTS.

II. THE GEOMAGNETIC FIELD HAS BEEN AT MINOR STORM LEVELS SINCE
03/0400Z. THESE CONDITIONS WILL CONTINUE THRU THE NEXT 12 HOURS.
LEVELS SHOULD DECLINE TOWARD THE END OF THE FORECAST PERIOD.

BOTH THE PROTON AND PCA EVENTS HAVE ENDED.

III. EVENT PROBABILITIES 04 MAY - 06 MAY

CLASS M 95/95/95

CLASS X 70/70/70

PROTON 50/60/60

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 03 MAY 179

PREDICTED 04-06 MAY 175/170/165

90-DAY MEAN 03 MAY 148

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 02 MAY 62

ESTIMATED AFR/AP 03 MAY 33/50

PREDICTED AFR/AP 04-06 MAY 30/40 - 20/20 - 10/15

SOLTERWARN

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