

HFUS 3 B OJ 280500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 148A

JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 28 MAY 1978

IA. SOLAR ACTIVITY HAS BEEN LOW. REGION 1129 (N18W03) HAS
SHOWN SOME DECAY, ESPECIALLY IN THE TRAILER SECTION. REGION 1136
(S17W02) IS NOW A C-TYPE GROUP. THERE HAVE BEEN NO OPTICAL REPORTS
OF FLARES AND ONLY ONE C-1 XRAY EVENT. THE REST OF THE DISK/LIMB
IS LITTLE CHANGED.

IB. SOLAR ACTIVITY SHOULD BE MODERATE.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. CONDITIONS ARE EXPECTED TO
BE UNSETTLED WITH ACTIVE PERIODS AT THE END OF THE DAY.

III. EVENT PROBABILITIES 28-30 MAY

CLASS M 70/75/75

CLASS X 10/10/10

PROTON 01/05/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 27 MAY 148

PREDICTED 28-30 MAY 150/153/148

90-DAY MEAN 27 MAY 147

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 26 MAY 07

ESTIMATED AFR/AP 27 MAY 05/07

PREDICTED AFR/AP 28-30 MAY 18/20 - 20/25 - 18/20

SOLTERWARN

BT

HFUS 3 BOU 281500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 148B

JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 28 MAY 1978

IA. SOLAR ACTIVITY HAS BEEN AT A MODERATE LEVEL THE PAST 8 HOURS.
THE MOST SIGNIFICANT EVENTS HAVE BEEN THE C-7 AND C-8 EVENTS
FROM REGION 1129 (N18W06) AT 0732Z AND 1046Z RESPECTIVELY AND THE
M-1 FROM REGION 1133 (N23W17) AT 1340Z. THIS COMPLEX IS THE MOST
ACTIVE AREA NOW VISIBLE. REGION 1134 (N20E35) HAS BEEN RELATIVELY
STABLE.

IB. LOW TO MODERATE ACTIVITY SHOULD CONTINUE FROM THE 1129/1133
COMPLEX WITH MORE ENERGETIC EVENTS POSSIBLE IF STRONG INTERACTION
DEVELOPS.

II. THE GEOMAGNETIC FIELD HAS BEEN GENERALLY QUIET WITH SOME
SECTORS SHOWING UNSETTLED CONDITIONS. THIS LEVEL OF ACTIVITY IS
EXPECTED TO CONTINUE WITH SOME CHANCE FOR MORE ACTIVE PERIODS
LATER IN THE DAY.

III. EVENT PROBABILITIES 28-30 MAY
CLASS M 70/75/75
CLASS X 10/10/10
PROTON 01/05/05
PCAF GREEN

IV. OTTAWA 10.7 CM FLUX
OBSERVED 27 MAY 148
PREDICTED 28-30 MAY 150/153/148
90-DAY MEAN 27 MAY 147

V. GEOMAGNETIC A INDICES
OBSERVED FREDRICKSBURG 26 MAY 07
ESTIMATED AFR/AP 27 MAY 05/07
PREDICTED AFR/AP 28-30 MAY 10/15 - 20/25 - 18/20
SOLTERWARN
BT

HFUS 1 BOU 282200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 148
JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 28 MAY 1978
IA. A MODERATED LEVEL OF SOLAR ACTIVITY HAS BEEN RECORDED THRU
THE PAST 24 HOURS, WITH MOST OF THE ACTIVITY OCCURRING IN THE AREA
OF REGIONS 1129 (N17W11) AND 1133 (N23W22). THE MOST ENERGETIC
EVENTS WERE AN M-1 AT 1340Z AND AN X-1 AT 1502Z. CLASS C EVENTS
ARE OCCURRING AT ABOUT 1 EVERY TWO HOURS. THESE EVENTS HAVE HAD
ONLY MINOR RADIO ACTIVITY. MT WILSON STILL REPORTS A DELTA IN
THE INTERMEDIATE SPOTS OF REGION 1129. REGIONS 1134 (N20E30)
AND 1136 (S16W03) HAVE BEEN REPORTED STABLE.
IB. THE MODERATE LEVEL OF SOLAR ACTIVITY SHOULD CONTINUE THRU
THE FORECAST PERIOD FROM THE 1129 AND 1133 COMPLEX. THIS AREA
IS BEGINNING TO PRODUCE MORE ENERGETIC EVENTS AND IS CAPABLE OF
MAJOR ACTIVITY. ALL OTHER AREAS ARE EXPECTED TO PRODUCE ONLY
MINOR EVENTS.
II. GENERALLY QUIET GEOMAGNETIC CONDITIONS HAVE BEEN OBSERVED
AT MID LATITUDE STATIONS WITH SOME SHORT UNSETTLED PERIODS. A
RECURRENT DISTURBANCE IS STILL EXPECTED TO BEGIN WITHIN THE
FORECAST PERIOD. FLARE INDUCED ACTIVITY IS ALSO BECOMING MORE
LIKELY.
III. EVENT PROBABILITIES 29 MAY - 31 MAY
CLASS M 80/80/80
CLASS X 15/15/15
PROTON 15/10/10
PCAF GREEN
IV. OTTAWA 10.7 CM FLUX
OBSERVED 28 MAY 145
PREDICTED 29-31 MAY 145/146/145
90-DAY MEAN 28 MAY 147
V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 27 MAY 05
ESTIMATED AFR/AP 28 MAY 05/12
PREDICTED AFR/AP 29-31 MAY 20/20 - 15/15 - 10/10
GOLTERWARN
BT