

WFUS 3 BOU 260600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SOF NUMBER 085A

JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 26 MARCH 1978

IA. SOLAR ACTIVITY HAS BEEN LOW. A STAIR-STEP X-RAY EVENT BEGINNING
AT 0004Z ENDED AS A C-3 (0055Z MAX). HOLLOMAN REPORTED A SN IN
SUNSET CONDITIONS IN REGION 1035 (N18W74) DURING THE X-RAY EVENT.
REGION 1047 (S31W01) CURRENTLY SHOWS GROWTH IN SPOT AND PLAGE STRUC-
TURE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW.

II. THE GEOMAGNETIC FIELD WAS QUIET, BECOMING ACTIVE AFTER 0140Z.
UNSETTLED TO ACTIVE CONDITIONS ARE EXPECTED FOR THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 26 - 28 MAR

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 25 MAR 119

PREDICTED 26 - 28 MAR 120/122/124

90-DAY MEAN 25 MAR 132

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 24 MAR 05

ESTIMATED AFR/AP 25 MAR 04/05

PREDICTED AFR/AP 26 - 28 MAR 10/15 - 15/20 - 15/20

SOLTERWARN

BT

HFUS 3 ROU 261500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 085-B

JOINT USAF/NOAA/SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 26 MAR 1978

IA. SOLAR ACTIVITY HAS BEEN LOW. NEW REGION 1049 (N25W5.9) PRODUCED A SUB-NORMAL FLARE WITH A MAX TIME OF 26/0823Z AND C-1 X-RAY BURST. OTHER REGIONS REPORTED STABLE.

IB. SOLAR ACTIVITY SHOULD REMAIN LOW.

II. THE GEOMAGNETIC FIELD WAS ACTIVE 06-09Z, QUIET 09-12Z AND HAS NOW RETURNED TO ACTIVE LEVELS. THE FIELD SHOULD REMAIN UNSETTLED TO ACTIVE.

III. EVENT PROBABILITIES 26 - 28 MAR

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF1 GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 25 MAR 119

PREDICTED 26 - 28 MAR 120/122/124

90-DAY MEAN 25 MAR 130

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 24 MAR 05

ESTIMATED AFR/AP 25 MAR 04/05

PREDICTED AFR/AP 26 - 28 MAR 10/15 - 15/20 - 15/20

SOLTERWARN

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HFUS 1 BOU 262200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 085

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY/
ISSUED 2200Z 26 MAR 1978

IA. SOLAR ACTIVITY HAS BEEN LOW. ALL REGIONS REMAIN UNIMPRESSIVE AND
H-ALPHA SHOWS LARGE AREAS OF VERY WEAK SCATTERED PLAGE. ON OUR
26/1500Z REPORT REGION NUMBER 1049 WAS ASSIGNED TO A REGION NEAR
N25W59 BUT NO SUPPORTING EVIDENCE CAN BE FOUND SO 1049 WILL BE
ASSIGNED TO THE NEXT ELIGIBLE REGION.

IR. SOLAR ACTIVITY WILL BE VERY LOW TO LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN AT ACTIVE TO MINOR STORM LEVELS
THE PAST 24 HOURS AT MID-LATITUDES AND AT MINOR TO MAJOR STORM
LEVELS AT HIGH LATITUDES. THE FIELD IS EXPECTED TO REMAIN AT
ACTIVE TO MINOR STORM LEVELS THRU THE FIRST TWO DAYS OF THE PERIOD
THEN RETURN TO UNSETTLED TO ACTIVE LEVELS ON THE LAST DAY OF THE
FORECAST PERIOD.

III. EVENT PROBABILITIES 27 - 29 MAR

CLASSM 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 26 MAR 113

PREDICTED 27 - 29 MAR 113/112/111

90-DAY MEAN 26 MAR 132

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 25 MAR 03

ESTIMATED AFR/AP 26 MAR 27/41

PREDICTED AFR/AP 27 - 29 MAR 25/30 - 20/25 - 15/20

SOLTERWARN

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