

HFUS 3 BOU 280530

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 087A

JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 28 MARCH 1978

IA. SOLAR ACTIVITY WAS LOW DURING THE PAST EIGHT HOURS. A SUB-NORMAL/C1 FLARE OCCURRED IN REGION 1040 (N15W20) WITH A MAX NEAR 28/0041Z. AN APR WAS OBSERVED NEAR NE21 WHICH MAY BE THE RETURN OF OLD REGIONS 1024/1025. OTHERWISE, THE DISK AND LIMBS WERE QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW TO VERY LOW DURING THE REMAINDER OF THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD WAS NEAR MINOR STORM LEVELS DURING THE PAST EIGHT HOURS. ACTIVE TO MINOR STORM CONDITIONS ARE EXPECTED THROUGH THE REST OF THE ZULU DAY.

III. EVENT PROBABILITIES 28 MARCH - 30 MARCH

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 27 MARCH 115

PREDICTED 28-30 MARCH 118/120/122

90-DAY MEAN 27 MARCH 132

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 26 MARCH 39

ESTIMATED AFR/AP 27 MARCH 40/62

PREDICTED AFR/AP 28-30 MARCH 25/35 - 15/25 - 12/20

SOLTERWARN

BT

HFUS 3 BOU 281500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 087B

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

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. ALL REGIONS ARE STABLE
AND UNIMPRESSIVE. A SUB-FAINT FLARE FROM REGION 1050 (S20E01)
WAS THE ONLY REPORTED ACTIVITY.

IB. SOLAR ACTIVITY WILL REMAIN VERY LOW TO LOW.

II. THE GEOMAGNETIC FIELD WAS ACTIVE THE PAST EIGHT HOURS.
UNSETTLED TO ACTIVE CONDITIONS ARE EXPECTED THRU THE DAY.

III. EVENT PROBABILITIES 28 MARCH - 30 MARCH

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 27 MARCH 115

PREDICTED 28-30 MARCH 118/120/122

90-DAY MEAN 27 MARCH 132

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 26 MARCH 39

ESTIMATED AFR/AP 27 MARCH 40/62

PREDICTED AFR/AP 28-30 MARCH 25/30 - 15/20 - 12/15

SOLTERWARN

BT

HFUS 1 BOU 282200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 087

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 28 MARCH 1978

IA. SOLAR ACTIVITY HAS BEEN LOW. ALL REGIONS ARE QUIET. NEW
REGION 1051 (S30E21) IS A SMALL B-TYPE GROUP AND 1052 (N21W85)
IS AN A-TYPE AND IS THE RETURN OF OLD ACTIVE REGION 1025.

IB. SOLAR ACTIVITY SHOULD CONTINUE AT VERY LOW TO LOW LEVELS.

II. THE GEOMAGNETIC FIELD WAS AT ACTIVE TO MINOR STORM LEVELS
UNTIL 28/2100Z THEN BECAME UNSETTLED. THE FIELD IS EXPECTED
TO BE UNSETTLED TO ACTIVE ON THE FIRST DAY OF THE FORECAST PERIOD
THEN REMAIN GENERALLY UNSETTLED.

III. EVENT PROBABILITIES 29-31 MAR

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 28 MAR 113

PREDICTED 29-31 MAR 115/118/120

90-DAY MEAN 28 MAR 132

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 27 MAR 53

ESTIMATED AFR/AP 28 MAR 22/26

PREDICTED AFR/AP 29-31 MAR 15/18 - 10/12 - 08/08

SOLTERWARN

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