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FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 159A

JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 08 JUNE 1978

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT HOURS.
REGION 1-143 (S26W75) HAS PRODUCED SEVERAL NON-ENERGETIC SUBFLARES.
THE REST OF THE DISK HAS BEEN QUIET AND STABLE.

IB. SOLAR ACTIVITY WILL CONTINUE AT A VERY LOW LEVEL.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED AND IT IS EXPECTED THE
FIELD WILL BE UNSETLED TO ACTIVE DURING THE FORECAST PERIOD.

III. EVENT PROBABILITIES 08 JUNE-10 JUNE

CLASS M 05/01/01

CLASS X 31/01/01

PROTON 31/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 07 JUNE 107

PREDICTED 08-10 JUNE 108/108/110

9-DAY MEAN 07 JUNE 143

V. GEOMAGNETIC A INDICES

ESTIMATED FREDERICKSBURG 06 JUNE 07

ESTIMATED AFR/AP 07 JUNE 09/16

PREDICTED AFR/AP 08-10 JUNE 10/12 - 08/10 - 10/15

SOLIERWARN

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JULY 13, 1978 001500.

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 159B

JOINT USAF/NASA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 28 JUNE 1978

I A. SOLAR ACTIVITY HAS BEEN LOW. REGION 1143 (S26W66) CONTINUES
TO PRODUCE INTERMITTENT SMALL FLARES NEAR OR BELOW CLASS C
THRESHOLDS. NEW REGION 1150 (N17E81) WAS REPORTED AS A-TYPE WITH
TWO SPOTS.

I B. SOLAR ACTIVITY IS EXPECTED TO CONTINUE LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED TO ACTIVE WITH
ONE SUB STORM TYPE EVENT AROUND 0600 UT ACCOUNTING FOR MOST OF THE
ACTIVITY IN THE LAST 12 HOURS. QUIET TO UNSETLED CONDITIONS ARE
EXPECTED THROUGH THE REST OF THE DAY.

III. EVENT PROBABILITIES: 08 JUNE - 10 JUNE

CLASS M 0.05 / 01/01

CLASS X 01/01/01

PREDICTED 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 07 JUNE 127

PREDICTED 08-10 JUNE 108/108/110

92-DAY MEAN 07 JUNE 143

V. GEOMAGNETIC A INDICES

ESTIMATED FREDERICKSBURG 06 JUNE 37

ESTIMATED AFR/AP 07 JUNE 29/16

PREDICTED AFR/AP 08-10 JUNE 10/12 - 08/10 - 10/15

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HEUS 1 B QU 082230

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER: 159

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED: 2200Z 3 JUNE 1978

IA. SOLAR ACTIVITY HAS BEEN LOW. NON-ENERGETIC FLARES NO LARGER THAN CLASS C1 WERE REPORTED EARLIER IN THE UNIVERSAL DAY. NONE HAVE BEEN REPORTED SINCE 03/1200 UT. REGION 1143 (S26W84) IS SIMPLY STRUCTURED AND APPEARS STABLE AS IT APPROACHES WEST LIMB. A NEW REGION (1150) HAS APPEARED AT N18E70. IT IS GROWING VERY SLOWLY AND REMAINS AS A SIMPLE BIPOLE AT THE PRESENT TIME.

IB. ACTIVITY IS EXPECTED TO REMAIN LOW WITH ONLY INTERMITTENT NON-ENERGETIC FLARES PROBABLE. LONGITUDES THAT WERE THE SOURCE OF A HALF DOZEN MINOR REGIONS ARE DUE TO ROTATE OVER THE EAST LIMB IN THE NEXT 72 HOURS.

II. GEOMAGNETIC ACTIVITY HAS BEEN QUIET TO UNSETLED WITH ISOLATED NIGHTTIME SUBSTORMS THE ONLY OBSERVED ACTIVITY. SIMILAR CONDITIONS ARE EXPECTED TO PERSIST THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 09 JUNE - 11 JUNE

CLASS M 01/01/01

CLASS X 01/01/01

PROMOTION 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 28 JUNE 106

PREDICTED 39-11 JUNE 108/112/112

30-DAY MEAN 08 JUNE 143

V. GEOMAGNETIC A INDICES

OBSERVED, FREDERICKSBURG 37 JUNE 11

ESTIMATED AFR/AP 38 JUNE 11/19

PREDICTED AFR/AP 09-11 JUNE 08/10 - 10/12 / - 08/10

SOLTEVMARN

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