

HFUS 3 BOU 150430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 135A

JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 15 MAY 1978

IA. SOLAR ACTIVITY WAS VERY LOW DURING THE PAST SEVEN HOURS WITH NO
SIGNIFICANT ACTIVITY BEING REPORTED.

IB. SOLAR ACTIVITY SHOULD BE LOW DURING THE REST OF THE FORECAST
PERIOD.

II. THE GEOMAGNETIC FIELD WAS SLIGHTLY UNSETTLED DURING THE PAST
SEVEN HOURS. UNSETTLED TO SLIGHTLY ACTIVE CONDITIONS ARE EXPECTED
DURING THE REST OF THE ZULU DAY.

III. EVENT PROBABILITIES 15 MAY - 17 MAY

CLASS M 15/20/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 14 MAY 141

PREDICTED 15-17 MAY 144/149/154

90-DAY MEAN 14 MAY 146

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 13 MAY 09

ESTIMATED AFR/AP 14 MAY 11/12

PREDICTED AFR/AP 15-17 MAY 15/18 - 15/25 - 12/20

SOLTERWARN

BT

HFUS 3 BOU 151500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 135B

JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 15 MAY 1978

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THIS ZULU DAY. NO FLARES OR
-RAY BURSTS HAVE OCCURRED. THE IN/C4 (14/1118Z MAX) REPORTED IN
YESTERDAYS 1500Z SECONDARY REPORT AND ATTRIBUTED TO REGION 1115
(N14E53) OCCURRED IN REGION 1118, SPOTLESS YESTERDAY. REGION 1118
(N20E54) CURRENTLY CONTAINS AN A-TYPE SUNSPOTS. REGIONS 1110
(S20W10), 1112 (N21E30), AND 1114 (S28E48) HAVE OCCASIONAL BRIGHT-
ENINGS.

IB. NONE OF THE REGIONS CURRENTLY CONTAIN ANY SIGNIFICANT MAGNETIC
GRADIENTS. SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW TO LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN SLIGHTLY UNSETTLED. THE FIELD IS
EXPECTED TO BE UNSETTLED, WITH SHORT PERIODS ACTIVE, OVER THE NEXT
48 HOURS.

III. EVENT PROBABILITIES 15 MAY - 17 MAY

CLASS M 15/20/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 14 MAY 141

PREDICTED 15-17 MAY 144/149/154

90-DAY MEAN 14 MAY 146

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 13 MAY 09

ESTIMATED AFR/AP 14 MAY 10/12

PREDICTED AFR/AP 15-17 MAY 15/18 - 15/25 - 12/20

SOLTERWARN

BT

HFUS 1 BOU 152200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 135

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 2200Z 15 MAY 1978

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. THERE ARE EIGHT SPOTTED REGIONS ON THE SUN BUT ONLY REGION 1112 (N21E25) HAS SOME COMPLEXITY AS A BETA GAMMA. THE OTHER REGIONS CURRENTLY ARE SIMPLE IN STRUCTURE.

IB. SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW TO LOW. ONLY LOW LEVEL CLASS C X-RAY EVENTS ARE EXPECTED WITH ONLY A VERY SLIGHT CHANCE FOR A CLASS M EVENT.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. GENERALLY UNSETTLED CONDITIONS ARE EXPECTED FOR THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 16 - 18 MAY

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 MAY 143

PREDICTED 16 - 18 MAY 146/148/152

90-DAY MEAN 15 MAY 146

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 14 MAY 13

ESTIMATED AFR/AP 15 MAY 05/07

PREDICTED AFR/AP 16 - 18 MAY 10/15 - 10/15 - 10/13

SOLTERWARN

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