

MFUS 3 BOU 110430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 162A

JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 11 JUNE 1978

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 1151 (N17W11) HAS
REGENERATED INTO A B-TYPE GROUP AND HAD A SUBFLARE AT 2222Z. REGION
1153 (N15E11) SHOWS CONTINUED GROWTH AND HAD A C3/SF FLARE AT
2343Z. THE REST OF THE DISK/LIMB HAS BEEN STABLE.

IB. SOLAR ACTIVITY SHOULD REMAIN VERY LOW.

II. THE MAGNETIC FIELD HAS BEEN ACTIVE FOR THE PAST 8 HOURS. ACTIVE
CONDITIONS ARE EXPECTED FOR THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 11 JUNE - 13 JUNE

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 JUNE 105

PREDICTED 11-13 JUNE 107/111/115

90-DAY MEAN 10 JUNE 141

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 09 JUNE 05

ESTIMATED AFR/AP 10 JUNE 17/15

PREDICTED AFR/AP 11-13 JUNE 25/30 - 12/15 - 15/20

SOLTERWARN

BT

HFUS 3 BOJ 111500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 162B

JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 11 JUNE 1978

IA. SOLAR ACTIVITY HAS BEEN LOW THE PAST 10 HOURS. REGION 1150 (N18 E40) HAS BEEN STABLE ALTHOUGH THERE HAS BEEN RECENT SPOT DEVELOPMENT ALL AROUND THE EXISTING GROUP. REGION 1153 (N16E07) CONTINUES TO GROW AND IS NOW A D TYPE GROUP. TWO NEW REGIONS HAVE FORMED, 1154 (S32E53) AND 1155 (N13E85). REGION 1154 IS A C TYPE AND REGION 1155 IS AN H TYPE. ALL REGIONS APPEAR RELATIVELY QUIET.

IB. SOLAR ACTIVITY WILL REMAIN LOW. CONTINUED GROWTH IN REGIONS 1150 AND 1153 MAY RESULT IN OCCASIONAL C-CLASS ACTIVITY BUT NEITHER APPEARS CAPABLE OF ANYTHING MORE ENERGETIC AT THIS TIME.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE WITH PERIODS OF MINOR STORM ACTIVITY. THIS ACTIVITY IS APPARENTLY DUE TO AN EPL AT SW20 ON 10 JUNE. CULGOORA ALSO REPORTED RADIO ACTIVITY FROM THIS AREA THAT HAD CHARACTERISTICS OF A BEHIND THE LIMB EVENT. ACTIVITY LEVELS ARE EXPECTED TO DROP OFF SOME IN THE NEXT 12 HOURS WITH THE FIELD BECOMING UNSETTLED.

III. EVENT PROBABILITIES 11 JUNE - 13 JUNE

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 JUNE 105

PREDICTED 11 - 13 JUNE 107/111/115

90-DAY MEAN 10 JUNE 141

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 09 JUNE 05

ESTIMATED AFR/AP 10 JUNE 17/15

PREDICTED AFR/AP 11 - 13 JUNE 25/28 - 12/15 - 15/20

SOLTERWARN

BT

HFUS 1 B OU 112200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 162

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 11 JUNE 1978

IA. SOLAR ACTIVITY HAS BEEN LOW THE PAST 24 HOURS. REGIONS 1151
(N18W19) AND 1153 (N16E04) HAVE GROWN IN THE PAST 24 HOURS BUT
HAVE SHOWN LITTLE ACTIVITY. SEVERAL SPOTS FORMED AROUND REGION
1150 (N18E33) WITH SEVERAL SPOTS FORMING REGION 1156 (N24E36)
JUST TO THE NORTH. AGAIN NO ACTIVITY WAS NOTED. THE ONLY FLARE
ACTIVITY NOTED WAS A SF FLARE IN REGION 1154 (S32E49).

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW WITH OCCASIONAL
C-CLASS EVENTS FROM REGIONS 1151, 1153, 1154 AND 1155.

II. THE GEOMAGNETIC FIELD WAS ACTIVE WITH OCCASIONAL PERIODS TO
MINOR STORM LEVELS UNTIL 1500Z WHEN IT BECAME QUIET. GENERALLY
UNSETTLED CONDITIONS ARE EXPECTED THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 12 JUNE - 14 JUNE

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 11 JUNE 110

PREDICTED 12-14 JUNE 114/117/120

90-DAY MEAN 11 JUNE 141

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 10 JUNE NOT AVAILABLE

ESTIMATED AFR/AP 11 JUNE 12/29

PREDICTED AFR/AP 12-14 JUNE 15/17 - 08/11 - 06/08

SOLTERWARN

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