

HFUS 1 BOU 200500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 171A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 20 JUNE 1975

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW. THE SOLAR DISK IS
PRACTICALLY FEATURELESS.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN MILDLY UNSETTLED FOR THE PAST 6
HOURS. THE FIELD IS EXPECTED TO BE MILDLY UNSETTLED, BECOMING
SLIGHTLY ACTIVE DURING THE LATTER HALF OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 20 JUNE - 22 JUNE 1975

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 JUNE 69

PREDICTED 20-22 JUNE 68/67/67

90-DAY MEAN 19 JUNE 70

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 18 JUNE 12

ESTIMATED AFR/AP 19 JUNE 09/17

PREDICTED AFR/AP 20-22 JUNE 07/08 - 12/14 - 16/17

SOLTERWARN

BT

HFUS 1 BOU 201430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER CO

SDF NUMBER 171B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 20 JUNE 1975

IA. SOLAR ACTIVITY INCREASED SLIGHTLY 0700 - 1300Z WITH FREQUENT
SURGES DEVELOPING IN REGION 602 (S08W90) WHICH FORMED YESTERDAY
ON THE DISK. A MOUND PROMINENCE SUBTENDS FIVE DEGREES ALONG THE
LIMB. X-RAY BURSTS NEAR C1 LEVEL ACCOMPANIED SURGES AT 0900Z,
1020Z AND 1220Z. THE SOLAR DISK IS NEARLY FEATURELESS.

IB. ADDITIONAL SURGES AND CLASS - C X-RAY EVENTS MAY OCCUR
DURING THE NEXT 24 HOURS. NO FURTHER ACTIVITY IS EXPECTED.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. UNSETTLED CONDITIONS
ARE EXPECTED TONIGHT INCREASING TO SLIGHTLY ACTIVE BY THE END
OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 20 - 22 JUNE 1975

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 JUNE 69

PREDICTED 20 - 22 JUNE 68/67/67

90-DAY MEAN 19 JUNE 70

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 18 JUNE 13

ESTIMATED AFR/AP 19 JUNE 09/17

PREDICTED AFR/AP 20 - 22 JUNE 07/08 - 12/14 - 16/17

SOLTERWARN

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GEOALERT WWA171 200300

91219 10130 20690 30090 49670 49006 00000

80620 77773 49006 QUIET

SOLQUIET MAGQUIET

FIN

SOLTERWARN

HFUS 1 BOU 202200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 171

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 20 JUNE 1975

IA. MINOR SOLAR ACTIVITY HAS OCCURRED SINCE 0700Z WITH NUMEROUS
SURGES FROM REGION 602 (S10W90). THIS REGION FORMED YESTERDAY ON
THE SOLAR DISK. IT EXHIBITED SUNSPOTS PRIOR TO WEST LIMB PASSAGE
AND SUBTENDED FIVE DEGREES OF LATITUDE. X-RAY BURSTS HAVE INCREASED
IN INTENSITY AND HARDNESS OF SPECTRUM WITH EACH SUCCESSIVE EVENT.
THE STRONGEST BURST WAS CLASS C2 AT 1924Z.

IB. WEST LIMB PASSAGE OF REGION 602 SHOULD TERMINATE FLARE ACTIVITY
WITHIN 12 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. UNSETTLED CONDITIONS ARE
EXPECTED WITHIN THE NEXT 12 HOURS INCREASING TO ACTIVE CONDITIONS
WITHIN 36 HOURS. THIS ACTIVITY IS EXPECTED TO BE SHORT-LIVED.

III. EVENT PROBABILITIES 21 - 23 JUNE 1975

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 20 JUNE 70

PREDICTED 21-23 JUNE 68/67/66

90-DAY MEAN 20 JUNE 70

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 19 JUNE 11

ESTIMATED AFR/AP 20 JUNE 06/07

PREDICTED AFR/AP 21-23 JUNE 12/14 - 16/17 - 10/12

SOLTERWARN

BT