

HFUS 1 BOU 160450

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO.

SDF NUMBER 197A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 16 JULY 1975

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW.

IB. ACTIVITY IS EXPECTED TO CONTINUE VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED. QUIET TO UNSETTLED
CONDITIONS ARE EXPECTED THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 16 JULY - 18 JULY

CLASS M 10/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 JULY 84

PREDICTED 16 JULY - 18 JULY 83/82/82

90-DAY MEAN 15 JULY 71

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 14 JULY 16

ESTIMATED AFR/AP 15 JULY 14/23

PREDICTED AFR/AP 16 JULY - 18 JULY 12/12 - 07/07 - 07/07

SOLTERWARN

BT

HFUS 1 BOU 161430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 197B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 16 JULY 1975

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW DURING THE PAST NINE HOURS,
AND NO ENERGETIC ACTIVITY HAS BEEN REPORTED. REGIONS 609 AND 610
(S07E44 AND S10E53) HAVE SHOWN SLIGHT RECENT DEVELOPMENT.

IB. A VERY LOW LEVEL OF SOLAR ACTIVITY IS EXPECTED TO CONTINUE.

II. THE GEOMAGNETIC FIELD HAS BEEN GENERALLY ACTIVE DURING THE PAST
NINE HOURS. UNSETTLED TO ACTIVE CONDITIONS ARE LIKELY TO CONTINUE
THROUGH 16 JULY, FOLLOWED BY GENERALLY QUIET CONDITIONS.

III. EVENT PROBABILITIES 16 - 18 JULY

CLASS M 10/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 JULY 84

PREDICTED 16 - 18 JULY 83/82/82

90-DAY MEAN 15 JULY 71

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 14 JULY 16

ESTIMATED AFR/AP 15 JULY 14/23

PREDICTED AFR/AP 16 - 18 JULY 18/20 - 07/07 - 07/07

SOLTERWARN

BT

HFUS 1 BOU 162200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 197

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 16 JULY 1975

IA. A VERY LOW LEVEL OF SOLAR ACTIVITY HAS BEEN REPORTED DURING THE PAST 24 HOURS. THE MOST ENERGETIC EVENT REPORTED WAS A CLASS CI X-RAY BURST AT 16/0423Z. NO OPTICAL EVENT WAS REPORTED WITH THIS BURST. SEVERAL RELATIVELY NON-ENERGETIC SUBFLARES HAVE OCCURRED IN INTERACTING REGIONS 609 AND 610 (S08E38 AND S12E45 RESPECTIVELY). AT 16/1410Z THE MOUNT WILSON OBSERVATORY REPORTED A SMALL MAGNETIC DELTA CONFIGURATION NEAR THE SOUTHEAST EDGE OF THE MAIN LEADING SPOT OF REGION 609. DESPITE SOME SLIGHT RECENT DEVELOPMENT OF SPOTS AND PLAGE IN REGIONS 609 AND 610, MAGNETIC FIELD GRADIENTS PRESENTLY DO NOT APPEAR SUFFICIENTLY INTENSE TO PRODUCE TRULY ENERGETIC FLARES. A SMALL NEW-SOLAR-CYCLE REGION APPEARED AND BRIEFLY EXHIBITED A SMALL SPOT AT N30E25 LATE ON 15 JULY AND EARLY 16 JULY. THIS REGION ALREADY HAS DECAYED. OTHER REGIONS ON THE SOLAR DISK ARE RELATIVELY UNIMPRESSIVE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL.
INFREQUENT MINOR FLARES ARE LIKELY IN REGION 609 AND 610.

II. UNSETLED, ACTIVE, AND BRIEF MINOR STORM GEOMAGNETIC CONDITIONS HAVE BEEN OBSERVED DURING THE PAST 24 HOURS. GENERALLY QUIET CONDITIONS ARE ANTICIPATED DURING THE THREE-DAY FORECAST PERIOD.

III. EVENT PROBABILITIES 17 JULY - 19 JULY

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 16 JULY 80

PREDICTED 17 JULY - 19 JULY 80/81/81

90-DAY MEAN 16 JULY 71

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 15 JULY 16

ESTIMATED AFR/AP 16 JULY 16/22

PREDICTED AFR/AP 17 JULY - 19 JULY 07/07 - 07/07 - 05/05

SOLTERWARN

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