

HFUS 1 BOU 180450

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 077A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 18 MARCH 1975

IA. SOLAR ACTIVITY HAS BEEN AT A VERY LOW LEVEL DURING THE PAST
EIGHT HOURS. THE DISK REGIONS APPEAR STABLE AND QUIET.

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

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED DURING THE PAST EIGHT
HOURS AND IS EXPECTED TO REMAIN IN AN UNSETTLED STATE DURING THE
NEXT 24 HOURS.

III. EVENT PROBABILITIES 18 MAR - 20 MAR

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 17 MAR 76

PREDICTED 18 MAR - 20 MAR 73/71/70

90-DAY MEAN 17 MAR 77

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 16 MAR 24

ESTIMATED AFR/AP 17 MAR 12/15

PREDICTED AFR/AP 18 MAR - 20 MAR 09/11 - 08/09 - 06/07

SOLTERWARN

BT

HFUS 1 BOU 181430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 077B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 18 MARCH 1975

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW DURING THE PAST 8 HOURS, AND NO SIGNIFICANT ENERGETIC ACTIVITY HAS BEEN REPORTED. DEVELOPMENT OF THE SOUTHERN INTERMEDIATE SPOTS HAS OCCURRED RECENTLY IN REGION 572 (S14W54). REGION 573 (S11W90) HAS PRODUCED OCCASIONAL SURGES. A NEW REGION IS EMERGING AT S07W31.

IB. A VERY LOW LEVEL OF SOLAR ACTIVITY IS EXPECTED DURING THE REMAINDER OF THE FORECAST PERIOD. REGION 572 SHOULD BE WATCHED FOR ANY TENDENCY TO DEVELOP MAGNETIC COMPLEXITY, FOR SUCH DEVELOPMENT COULD RAISE THE PROBABILITY OF ENERGETIC ACTIVITY.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED DURING THE PAST 8 HOURS. QUIET TO UNSETTLED CONDITIONS ARE LIKELY DURING THE REMAINDER OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 18 - 20 MAR

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 17 MAR 76

PREDICTED 18 - 20 MAR 73/71/70

90-DAY MEAN 17 MAR 77

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 16 MAR 24

ESTIMATED AFR/AP 17 MAR 12/15

PREDICTED AFR/AP 18 - 20 MAR 09/11 - 08/09 - 06/07

SOLTERWARN

BT

HFUS BOU 182200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 077

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 18 MARCH 1975

IA. SOLAR ACTIVITY HAS REMAINED AT A VERY LOW LEVEL DURING
THE PAST 24 HOURS, AND NO SIGNIFICANT ENERGETIC ACTIVITY HAS
BEEN REPORTED. REGION 572 (S13W60) HAS EXHIBITED SOME SPOT
DEVELOPMENT COMBINED WITH MODERATE PROPER MOTION OF THE INTERME-
DIATE SPOTS. THIS REGION STILL IS MAGNETICALLY SIMPLE AND
GRADIENTS REMAIN WEAK. REGION 573 (S11W94,L-087) HAS JUST
PASSED OVER THE WEST LIMB AND HAS PRODUCED SEVERAL MINOR SURGES
NEAR SW11. A NEW REGION CONSISTING OF A SMALL PLAGE ACCOMPANIED
BY AN A-TYPE SPOT IS EMERGING AT S07W35 (REGION 574).

IB. A VERY LOW LEVEL OF SOLAR ACTIVITY IS EXPECTED DURING THE
NEXT THREE DAYS. REGION 572 PRESENTLY CONTAINS WEAK MAGNETIC
GRADIENTS, BUT THIS REGION SHOULD BE WATCHED FOR DEVELOPMENT
THAT COULD LEAD TO STRONGER GRADIENTS AND INCREASED FLARE
PRODUCTION.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE DURING
THE PAST 24 HOURS. GENERALLY UNSETTLED CONDITIONS ARE LIKELY
ON 19 MARCH, FOLLOWED BY GENERALLY QUIET CONDITIONS ON 20
AND 21 MARCH.

III. EVENT PROBABILITIES 19 - 21 MAR

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 MAR 75

PREDICTED 19 - 21 MAR 73/71/70

90-DAY MEAN 18 MAR 77

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 17 MAR 13

ESTIMATED AFR/AP 18 MAR 14/18

PREDICTED AFR/AP 19 - 21 MAR 08/10 - 06/07 - 06/07

SOLTERWARN

BT