

HFUS 1 BOU 050550

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 036A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 05 FEBRUARY 1975

IA. SOLAR ACTIVITY CONTINUES VERY LOW. THE REGIONS IN THE SE
(561-563) HAVE DECLINED IN BOTH WHITE LIGHT AND H ALPHA. NEW
REGION 564 (N02E61) CONTAINS A SIMPLE B TYPE SPOT GROUP BUT
A BRIGHT AND FLUCTUATING PLAGE AND HAS PRODUCED A SUBNORMAL
FLARE AT 05/0051Z. THE 1-8 ANGSTROM X-RAY FLUX HAS SHOWN
OCCASIONAL MINOR ENHANCEMENTS BUT REMAINS BELOW CLASS C LEVELS.

IB. SOLAR ACTIVITY SHOULD CONTINUE VERY LOW THROUGH THE FORECAST
PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN SLIGHTLY UNSETTLED DURING THE
LAST 24 HOURS. UNSETTLED CONDITIONS SHOULD CONTINUE THROUGH 05
FEB, BECOMING QUIET DURING THE LAST 2 DAYS.

III. EVENT PROBABILITIES - NO CHANGE

IV. OTTAWA 10.7 CM FLUX - NO CHANGE

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 03 FEB 09

ESTIMATED AFR/AP 04 FEB 07/08

PREDICTED AFR/AP 05 FEB - 07 FEB 08/10 - 05/06 - 04/05

SOLTERWARN

BT

HFUS 1 BOU 051430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 036B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 05 FEB 1975

IA. SOLAR ACTIVITY CONTINUES VERY LOW. THE REGIONS IN THE SE (561-563) HAVE DECLINED IN BOTH WHITE LIGHT AND H ALPHA. NEW REGION 564 (N02E57) NOW CONTAINS THE BRIGHTEST PLAGE ON THE DISK AND PRODUCED TWO SMALL SUBFLARES THIS ZULU DAY. THE 1-8 ANGSTROM X-RAY FLUX MEASURED BY GOES SHOWS OCCASIONAL MINOR FLUCTUATIONS BUT REMAINS BELOW CLASS C LEVELS.

IB. SOLAR ACTIVITY SHOULD CONTINUE VERY LOW THROUGH THE FORECAST PERIOD, ALTHOUGH SOME ADDITIONAL SUBFLARE ACTIVITY IS POSSIBLE FROM REGION 564.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED DURING THE LAST 24 HOURS, BUT QUIET CONDITIONS SHOULD RETURN DURING THE NEXT 12 HOURS, REMAINING QUIET DURING THE REMAINDER OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 05 - 07 FEB

CLASS M 03/03/03

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 04 FEB 78

PREDICTED 05 - 07 FEB 79/80/80

90-DAY MEAN 04 FEB 82

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 03 FEB 09

ESTIMATED AFR/AP 04 FEB 07/08

PREDICTED AFR/AP 05 - 07 FEB 09/13 - 05/06 - 04/05

SOLIERWARN

BT

HFUS BOU 052200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 036

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 05 FEB 1975

IA. SOLAR ACTIVITY HAS INCREASED, BUT REMAINS VERY LOW AT THIS TIME. THE REGIONS IN THE SE (561-563) HAVE DECAYED IN BOTH WHITE LIGHT AND H ALPHA. HOWEVER, REGION 564 (N02E50) HAS SHOWN CONSIDERABLE GROWTH AND NOW CONTAINS A SMALL D-TYPE SPOT GROUP WITH A KINKED E-W NEUTRAL LINE. THIS REGION HAS PRODUCED 5 FLARES THIS ZULU DAY, THE LARGEST OF WHICH WERE A 1B, X-RAY CLASS C2 (GOES) FLARE AT 1803Z AND A 0B, X-RAY CLASS C4 (GOES) FLARE AT 1915Z. THIS REGION CONTINUES TO SHOW FREQUENT POINT BRIGHTENINGS TO NEAR FLARE INTENSITY AND IS APPARENTLY STILL GROWING.

IB. SOLAR ACTIVITY MAY INCREASE TO MODERATE LEVELS DURING THE FORECAST PERIOD WITH A GOOD CHANCE OF A SMALL CLASS M EVENT FROM REGION 564.

II. THE GEOMAGNETIC FIELD BECAME ACTIVE EARLY THIS ZULA DAY, BUT THIS DISTURBANCE APPEARS TO BE SUBSIDING, AND GENERALLY QUIET CONDITIONS ARE EXPECTED THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 06 - 08 FEB

CLASS M 35/40/40

CLASS X 02/03/03

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 05 FEB 79

PREDICTED 06 - 08 FEB 81/83/83

90-DAY MEAN 05 FEB 82

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 04 FEB 09

ESTIMATED AFR/AP 05 FEB 12/16

PREDICTED AFR/AP 06 - 08 FEB 05/06 - 04/05 - 04/05

SOLTERWARN

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