

HFUS 1 BOU 300500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 242A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 30 AUGUST 1975

IA. SOLAR ACTIVITY REMAINS AT A VERY LOW LEVEL. NO FLARES HAVE
BEEN REPORTED DURING THE PAST 24 HOURS. MINOR SURGING HAS BEEN
REPORTED AT NE07, PROBABLY ASSOCIATED WITH THE RETURN OF OLD
REGION 619.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE FOR THE PAST 24 HOURS.
THE FIELD IS EXPECTED TO BE ACTIVE EARLY IN THE PERIOD, BECOMING
UNSETTLED ON 31 AUGUST AND ACTIVE ON 1 SEPTEMBER AS RECURRENT
STRUCTURE RETURNS

III. EVENT PROBABILITIES 30 AUG - 01 SEPT 1975

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 29 AUG 83

PREDICTED 30 AUG - 01 SEP 84/84/83

90-DAY MEAN 29 AUG 79

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 28 AUG 03

ESTIMATED AFR/AP 29 AUG 28/37

PREDICTED AFR/AP 30 AUG - 01 SEP 18/20 - 14/14 - 18/20

SOLTERWARN

BT

HFUS 1 BOU 301430
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 242B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 30 AUG 1975

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. MINOR SURGING HAS BEEN
REPORTED AT NE07 PROBABLY ASSOCIATED WITH THE RETURN OF OLD REGION
619. NO OTHER ACTIVITY OF SIGNIFICANCE HAS BEEN OBSERVED.

IB. ACTIVITY IS EXPECTED TO CONTINUE VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE FOR THE PAST 24 HOURS,
AND SHOULD DECLINE TO UNSETTLED CONDITIONS AS THIS MINOR STORM
APPROACHES A GRADUAL END. THERE REMAINS A CHANCE OF RENEWED
ACTIVITY AT THE END OF THE FORECAST PERIOD IF RECURRENT STRUCTURE
RETURNS.

III. EVENT PROBABILITIES 30 AUG - 01 SEPT

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 29 AUG 83

PREDICTED 30 AUG - 01 SEPT 84/84/83

90-DAY MEAN 29 AUG 79

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 28 AUG 03

ESTIMATED AFR/AP 29 AUG 26/38

PREDICTED AFR/AP 30 AUG - 01 SEPT 18/36 - 14/25 - 18/14

SOLTERWARN

BT

GEOALERT WWA 242 300300

91229 10411 20830 30282 40030

37113 01000 13309 00000 22001 00000

80630 77773 37113 QUIET 13309 QUIET

22001 QUIET

SOLQUIET MAGALERT 29/31

FIN

SOLTERWARN

HFUS 1 BOU 302200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 242

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 30 AUGUST 1975

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. NO SIGNIFICANT ACTIVITY HAS
BEEN REPORTED TODAY; ALL REGIONS APPEAR STABLE.

IB. SOLAR ACTIVITY SHOULD REMAIN VERY LOW. REGION 633 (N07E74) IS
PROBABLY RETURNING REGION 619 AND MAY BE CAPABLE OF SOME ACTIVITY.
MINOR SURGING FROM REGION 630 (SW15) IS LIKELY TO CONTINUE WITH
LITTLE INCREASE AS THIS REGION COMPLETES LIMB TRANSIT.

II. THE GEOMAGNETIC FIELD HAS DECLINED FROM ACTIVE TO QUIET SINCE
THE START OF THE ZULU DAY. GENERALLY QUIET TO MODERATELY UNSETTLED
CONDITIONS SHOULD REMAIN UNTIL LATE 31 AUG OR EARLY 01 SEPT. WHEN
RECURRENT ACTIVITY IS LIKELY TO ARRIVE.

III. EVENT PROBABILITIES 31 AUGUST - 02 SEPTEMBER

CLASS M 03/03/03

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 30 AUG 85

PREDICTED 31 AUG - 02 SEPT 85/84/84

90-DAY MEAN 30 AUG 80

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 29 AUG 26

ESTIMATED AFR/AP 30 AUG 16/29

PREDICTED AFR/AP 31 AUG - 02 SEPT 14/15 - 18/20 - 16/16

SOLTERWARN

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