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KBOU
HFUS 1 BOU 290500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO
SDF NUMBER 241A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 29 AUG 1975

IA. SOLAR ACTIVITY IS AT A VERY LOW LEVEL. REGION 630 (S12W55)
PRODUCED A SUBNORMAL, C-CLASS X-RAY FLARE AT 282340 U.T.
BUT HAS BEEN QUIET SINCE THAT TIME.

IB. SOLAR ACTIVITY WILL REMAIN AT A VERY LOW LEVEL.

II. THE GEOMAGNETIC FIELD IS ACTIVE. GENERALLY UNSETTLED TO
ACTIVE CONDITIONS SHOULD PERSIST THROUGHOUT THE FORECAST PERIOD.
PERIODS OF MINOR STORM CONDITIONS ARE EXPECTED IN NIGHTTIME
SECTORS DURING THE NEXT 12 TO 18 HOURS. (SEE PART V)

III. EVENT PROBABILITIES 29 - 31 AUG

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 28 AUG 82

PREDICTED 29-30 AUG 83/83/83

90-DAY MEAN 28 AUG 79

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 27 AUG 05

ESTIMATED AFR/AP 28 AUG 02/04

PREDICTED AFR/AP 29 - 31 AUG 15/15 - 10/10 - 10/10

SOLTERWARN

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HFUS 1 BOU 291430
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 241B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 29 AUG 1975
IA. SOLAR ACTIVITY HAS BEEN AT A VERY LOW LEVEL. THERE HAS BEEN
ONE FLARE DURING THE PAST 9 HOURS, A NON-ENERGETIC SUB-FAINT.
IB. ACTIVITY SHOULD REMAIN VERY LOW.
II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE. MINOR STORM LEVELS
CAN BE EXPECTED DURING NIGHTTIME SECTORS DURING THE NEXT 12 TO 18
HOURS.
III. EVENT PROBABILITIES 29 - 31 AUG
CLASS M 05/05/05
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. OTTAWA 10.7 CM FLUX
OBSERVED 28 AUG 82
PREDICTED 29 - 31 AUG 83/83/83
90-DAY MEAN 28 AUG 79
V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 27 AUG 05
ESTIMATED AFR/AP 28 AUG 02/04
PREDICTED AFR/AP 29 - 31 AUG 25/28 - 14/14 - 14/14
SOLTERWARN
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GEOALERT WWA 241 290300
91228 10180 20820 30020 49860
35512 06000
80629 77774 35512 QUIET
SOLQUIET MAGQUIET
FIN
SOLTERWARN

HFUS 1 BOU 292200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 241

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 29 AUG 1975

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. NO FLARES OR ENERGETIC EVENTS
HAVE BEEN REPORTED, HOWEVER, SURGING HAS BEEN NOTED ON THE EAST LIMB,
PROBABLY ASSOCIATED WITH RETURNING REGION 619 (N05).

IB. SOLAR ACTIVITY SHOULD REMAIN GENERALLY VERY LOW WITH A
POSSIBILITY OF INCREASED ACTIVITY AS REGION 619 RETURNS AND REGION
632 (S01E20) CONTINUES ITS DEVELOPMENT.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE APPROACHING MINOR STORM
SINCE 0000Z. CONDITIONS ARE EXPECTED TO DECREASE TO UNSETTLED 30
AND 31 AUGUST THEN INCREASE AGAIN AS RECURRENT STRUCTURE RETURNS.

III. EVENT PROBABILITIES 30 AUG - 01 SEP

CLASS M 05/05/03

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 14/14 - 14/14 - 18/20

SOLTERWARN

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