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HFUS 1 BOU 050600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 217A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 5 AUGUST 1974

IA. SOLAR FLARE ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT HOURS, BUT ACTIVITY IN THE LOWER CORONA (REPORTED AS REGIONS OF SURGING) HAS BEEN HIGH AT S04 (EAST LIMB) AND S10 (WEST LIMB). THE HIGH ALTITUDE OBSERVATORY REPORTS CORONAL CONDENSATIONS ASSOCIATED WITH BOTH OF THESE ACTIVE CENTERS, AND GOES X-RAY DATA SUGGESTS SOFT X-RAY EVENTS ARE ASSOCIATED WITH THEIR PRESENCE AT THE LIMBS.

IB. SOLAR FLARE ACTIVITY IS EXPECTED TO REMAIN VERY LOW DURING THE FORECAST PERIOD. CORONAL ACTIVITY WILL CONTINUE.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE, WITH A BAY RECORDED LOCALLY BETWEEN 02 AND 03 HOURS U.T. THE FIELD IS EXPECTED TO CONTINUE TO BE UNSETTLED TO ACTIVE (ESPECIALLY DURING LOCAL NIGHT) FOR THE NEXT SEVERAL DAYS. PROTON FLUXES ARE AT BACKGROUND, EXCEPT SLIGHT ENHANCEMENTS IN LOW ENERGY PROTONS ARE APPARENT IN DAWN AND TWILIGHT SECTORS.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

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HFUS 1 BOU 051400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 217B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 5 AUGUST 1974

IA. SOLAR ACTIVITY CONTINUES VERY LOW WITH NO FLARES REPORTED
DURING THE LAST 24 HOURS. AN ACTIVE SURGE REGION CONTINUES ON THE
SW LIMB AS REGION 457 ROTATES OVER THE LIMB AT SW10. SOME SURGING
HAS ALSO BEEN NOTED ON THE SE LIMB AND AT 05/0500Z, TEHERAN
INDICATED A NEW REGION WITH AN H TYPE SPOT AT S06E86.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE VERY LOW THROUGH THE
FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE DURING THE LAST 24 HOURS
AND ACTIVE CONDITIONS SHOULD CONTINUE THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 05 AUG - 07 AUG

CLASS M 10/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 04 AUG 84

PREDICTED 05 AUG - 07 AUG 84/84/84

90-DAY MEAN 04 AUG 88

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 03 AUG 24

ESTIMATED AFR/AP 04 AUG 16/27

PREDICTED AFR/AP 05 AUG - 07 AUG 16/20 - 15/20 - 15/17

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HFUS BOU 052200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 217

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 05 AUG 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. NO FLARES HAVE BEEN REPORTED
BUT X-RAY ENHANCEMENTS TO C CLASS THRESHOLDS HAVE CONTINUED.
REGION 457 HAS ROTATED FROM VIEW OVER THE WEST LIMB AT SOUTH
BUT LIMB ACTIVITY CONTINUES AT THAT LOCATION. A C-TYPE SPOT GROUP
WITH MODERATELY COMPACT ASSOCIATED PLAGE HAS APPEARED OVER THE EAST
LIMB AT S07. THE REGION HAS BEEN DESIGNATED 462.

IB. SOLAR ACTIVITY WILL PROBABLY REMAIN VERY LOW. PRESENT INFORMATION
INDICATES NO MORE THAN C-TYPE SUBFLARES CAN BE EXPECTED FROM REGION
462.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE AND IS EXPECTED TO CON-
TINUE TO BE INTERMITTENTLY ACTIVE THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 06 AUG - 08 AUG

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 05 AUG 84

PREDICTED 06 - 08 AUG 85/85/86

90-DAY MEAN 05 AUG 88

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 04 AUG 16

ESTIMATED AFR/AP 05 AUG 15/27

PREDICTED AFR/AP 06 - 08 AUG 16/20 - 16/18 - 16/18

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