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HFUS 1 BOU 110600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 192A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 11 JULY 1974

IA. FLARE ACTIVITY HAS BEEN LOW DURING THE PAST EIGHT HOURS, WITH NO X-RAY EVENTS OBSERVED. MINOR LIMB ACTIVITY CONTINUES FROM DEPARTING REGION 433 (S16W90). FILAMENT ACTIVATION AND ONE NON-ENERGETIC FLARE HAVE BEEN REPORTED FROM REGION 437 (S14W72). THE FILAMENT ACTIVATION HAS BEEN ACCOMPANIED BY DEKAMETRIC TYPE III RADIO BURSTS. A SMALL FLARE WAS REPORTED FROM S01E17 AT 0435 U.T. NO REGION IS AT THOSE COORDINATES, BUT PORES WERE VISIBLE THERE EARLIER TODAY.

IB. FLARE ACTIVITY SHOULD CONTINUE TO BE LOW. LIMB EVENTS ARE STILL POSSIBLE.

II. THE GEOMAGNETIC FIELD WAS RELATIVELY QUIET UNTIL 5 HOURS U.T., WHEN SUBSTORM DISTURBANCE BEGAN. THE GEOMAGNETIC FIELD IS EXPECTED TO BE ACTIVE DURING LOCAL NIGHT, AND UNSETTLED BY DAY. PROTON FLUXES ARE AT BACKGROUND, AS OBSERVED BY SATELLITES.

III. EVENT PROBABILITIES NO CHANGE

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES NO CHANGE

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FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 192B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 11 JULY 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS. THE ONLY ACTIVITY OBSERVED HAS BEEN SMALL SURGES AT SW14 WHERE REGION 433 PASSED OVER THE LIMB. THE REST OF THE DISK AND THE LIMBS ARE QUIET AND STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A LOW LEVEL DURING THE NEXT 8 HOURS. A FEW NON ENERGETIC SUBFLARES CAN BE EXPECTED.

II. THE GEOMAGNETIC FIELD CONTINUES TO BE DISTURBED. THE DISTURBANCE IS AT SUB STORM LEVEL AND WILL CONTINUE TO BE DISTURBED DURING THE FORECAST PERIOD.

III. EVENT PROBABILITIES 12 JULY - 14 JULY

CLASS M 40/20/20

CLASS X 15/10/05

PROTON 07/05/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 JULY 85

PREDICTED 11 JULY - 13 JULY 83/82/82

90-DAY MEAN 10 JULY 91

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 09 JULY 14

ESTIMATED AFR/AP 10 JULY 22/28

PREDICTED AFR/AP 11 JULY - 13 JULY 25/33 - 20/24 - 17/20

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HFUS BOU

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 192

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 11 JULY 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 48 HOURS.
ONLY AN OCCASIONAL SMALL C-CLASS SUBFLARE HAS BEEN SEEN DURING
THIS PERIOD. OCCASIONAL INFREQUENT TYPE III SWEEP FREQUENCY EVENTS
HAVE BEEN OBSERVED TODAY, WITH NO RELATED OPTICAL ACTIVITY.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE LOW DURING THE
FORECAST PERIOD. THE REGION 438/441 COMPLEX (S08E38) HAS SHOWN
SLOW CHANGES AND SLIGHT GROWTH BUT DOES NOT POSSESS ENERGETIC
CAPACITY. REGION 433 (SW16) PRESENTS AN EVER DECREASING THREAT
OVER THE WEST LIMB. NO SIGNIFICANT OLD REGIONS ARE DUE TO
RETURN DURING THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BECOME GENERALLY UNSETTLED DURING
THE PAST 24 HOURS. THE FIELD IS EXPECTED TO TREND GRADUALLY
TOWARD QUIET CONDITIONS THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 12 - 14 JULY

CLASS M 40/20/10

CLASS X 15/10/05

PROTON 07/05/03

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 11 JULY 80

PREDICTED 12 - 14 JULY 79/78/78

90-DAY MEAN 11 JULY 91

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 10 JULY 18

ESTIMATED AFR/AP 11 JULY 13/14

PREDICTED AFR/AP 12 - 14 JULY 14/16 - 9/10 - 8/9

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