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HFUS 1 BOU 270600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 178A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 27 JUNE 1974

IA. NO SIGNIFICANT OPTICAL ACTIVITY HAS BEEN REPORTED IN THE PAST
EIGHT HOURS. THE GOES SATELLITE OBSERVED AN X-RAY ENHANCEMENT WHICH
EXCEEDED CLASS C LEVEL FROM 0250Z TO 0305Z.

IB. AN INCREASE IN FLARE ACTIVITY IS EXPECTED AS OLD PREVIOUSLY
ACTIVE CARRINGTON LONGITUDES ROTATE ONTO THE DISK.

II. THE GEOMAGNETIC FIELD HAS RANGED FROM MINOR TO MAJOR STORM
LEVELS THUS FAR TODAY. ACTIVE TO MINOR STORM LEVELS ARE EXPECTED TO
PERSIST FOR THE NEXT 3 DAYS, WITH THE GREATEST DISTURBANCES
APPARENT DURING LOCAL NIGHTTIME.

III. EVENT PROBABILITIES NO CHANGE

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES NO CHANGE

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HFUS 1 BOU 271400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 178B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 27 JUNE 1974

IA. SOLAR ACTIVITY CONTINUES VERY LOW. A BRIGHT SURGE AT S12E90 WAS ACCOMPANIED BY X-RAYS TO C3 INTENSITY AT 0250Z. CONTINUOUS FILAMENT ACTIVITY AND PLAGE BRIGHTENINGS IN AR 431 (S11E61) HAS ALSO RESULTED IN ENHANCED X-RAY BACKGROUND, ESPECIALLY 0700-1200Z. THIS REGION CONTINUES WITH A SMALL H-TYPE SPOT.

IB. A CONTINUED INCREASE IN X-RAY AND RADIO BACKGROUNDS WITH FREQUENT SUBFLARES IS EXPECTED AS THE ZONE OF ACTIVE LONGITUDES CONTINUES TO CROSS EAST LIMB.

II. THE GEOMAGNETIC FIELD HAS VERGED ON MAJOR STORM CONDITIONS FOR THE PAST 12 HOURS. ACTIVE TO MINOR STORM LEVELS ARE EXPECTED FOR THE NEXT 3 DAYS, WITH GREATEST DISTURBANCES APPARENT DURING LOCAL NIGHT-TIME.

III. EVENT PROBABILITIES 27 JUNE - 29 JUNE

CLASS M 15/15/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 26 JUNE 77

PREDICTED 27 JUNE - 29 JUNE 79/82/84

90-DAY MEAN 26 JUNE 88

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 25 JUNE 09

ESTIMATED AFR/AP 26 JUNE 32/41

PREDICTED AFR/AP 27 JUNE - 29 JUNE 32/41 - 20/25 - 15/20

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HFUS 1 BOU 272200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 1787
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 28 JUNE 1974
IA. THE LEVEL OF SOLAR ACTIVITY CONTINUES VERY LOW WITH ONLY
MINOR SURGE AND FILAMENT ACTIVITY REPORTED. A SLIGHT INCREASE
IN BACKGROUND RF AND XRAY FLUX HAS OCCURRED.
IB. CONTINUED INCREASE IN BACKGROUND FLUXES IN EXPECTED WITH
AN INCREASE IN MINOR FLARES FROM THE REGION IN THE SE QUADRANT.
II. THE GEOMAGNETIC STORM CONTINUES. A GRADUAL RETURN TO
DISTURBED CONDITIONS IS EXPECTED DURING THE NEXT 36 HOURS.
III. EVENT PROBABILITIES 28-30 JUN 74
CLASS M 15/20/25
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. OTTAWA 10.7 CM FLUX
OBSERVED 27 JUN 80
PREDICTED 28-30 JUN 82/84/86
90-DAY MEAN 27 JUN 88
V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 26 JUN 32
ESTIMATED AFR/AP 27 JUN 37/46
PREDICTED AFR/AP 28-30 JUN 30/38 - 15/20 - 12/15
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