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FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, COLO

SDF 145

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 25 MAY 1979

IA. SOLAR ACTIVITY HAS BEEN LOW WITH LIMITED OBSERVATIONS TODAY.
THE ONLY OPTICAL FLARE REPORTED WAS A SF FLARE AT 2203 UT FROM
REGION 1756 (S19W19). THIS REGION HAS SHOWN SLIGHT DECAY BUT
REMAINS A C-TYPE GROUP. REGION 1761 (S22W28) HAS DECAYED SLIGHTLY
BUT REMAINS AN E-TYPE GROUP. REGION 1755 (S30W18) IS NOW A B-TYPE
GROUP. THERE ARE TWO NEW REGIONS: 1769 (N13W38) IS A C-TYPE GROUP,
AND 1773 (N29W12) IS A B-TYPE GROUP. THE REST OF THE DISK/LIMB IS
UNIMPRESSIVE.

IB. SOLAR ACTIVITY SHOULD REMAIN LOW FOR THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN AT ACTIVE TO MINOR STORM LEVELS
FOR MOST OF THE DAY. CONDITIONS SHOULD REMAIN ACTIVE FOR THE
NEXT 48 HOURS.

III. EVENT PROBABILITIES. 26 - 28 MAY

CLASS M 15/15/15

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 25 MAY 152

PREDICTED 26 MAY - 28 MAY 150/148/148

9 DAY MEAN 25 MAY 178

V. GEOMAGNETIC INDICES

OBSERVED FREDERICKSBURG 24 MAY 23

ESTIMATED AFR/AP 25 MAY 21/38

PREDICTED AFR/AP 26-28 MAY 25/50 18/20 12/20

SOLTERWARN

BT