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PP KGFF
DE BOU 191710Z
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 962A ISSUED 1700Z JULY 19 1968

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. HIGHLIGHTS FOR THE PERIOD JULY 11-19, 1968 CLN THE LARGE COMPLEX REGION WHICH WAS RESPONSIBLE FOR THE SHARP RISE IN SOLAR ACTIVITY DURING THE JULY 6-12 PERIOD, FAILED TO PRODUCE ANY ADDITIONAL MAJOR EVENTS DURING ITS GRADUAL DECLINE. A SINGLE IMPORTANCE 2B FLARE WAS OBSERVED AT 12/1254 UT FROM AN ESSENTIALLY UNIPOLAR SPOT GROUP WHICH AT THAT TIME WAS LOCATED NEAR N12W20. ASSOCIATED METRIC AND CENTIMETRIC RADIO NOISE BURSTS WERE OF MODERATE STRENGTH. A MINOR MAGNETIC DISTURBANCE COINCIDED WITH THE CENTRAL MERIDIAN PASSAGE OF THE N10 SPOT GROUP. THE FLUCTUATION IN FIELD STRENGTH BEGAN WITH A CLASSIC SUDDEN COMMENCEMENT AT 13/1613 UT AND LASTED APPROXIMATELY 18 HOURS.

B. FORECAST FOR THE WEEK JULY 20-26, 1968 CLN NO PREVIOUSLY ACTIVE LONGITUDES ARE DUE TO RETURN DURING THE WEEK. THE REGION CURRENTLY NEAR N10E70 IS EXPECTED TO DEVELOP, HOWEVER NO MAJOR ACTIVITY IS ANTICIPATED FROM IT.

C. 28 DAY FORECAST FOR JULY 20-AUGUST 17, 1968 CLN SOLAR ACTIVITY IS EXPECTED TO BE HIGHER THAN NORMAL DURING THE PERIOD AUGUST 6-12.

D. THE DAILY FORECAST FOR JULY 20-22 AND EXPECTED MEAN FORECAST FOR JULY 23-26, 1968

DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS

IMPORTANCE TWO OR GREATER 5-15-5 /1/

IMPORTANCE THREE OR GREATER 1-1-1 /1/

PROTON EVENTS 1-1-1 /1/

10.7 CM FLUX TODAY IS 131. PREDICTED 125-125-127 /125/

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THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 962B ISSUED 2300Z JULY 19 1968
NO SIGNIFICANT ACTIVITY IS EXPECTED DURING THE NEXT 12 HOURS.
SECTIONS A B C AND D REMAIN UNCHANGED FROM SDF 962A.
E. MAGNETIC A-FREDERICKSBURG FOR 18 JULY WAS 08. FOR 19 JULY ABOUT
09. PREDICTED AP ALL UNDER 10.
BT