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HAUS BOU 290400Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 672A ISSUED 0400Z 29 JUNE 1970

AN OCCASIONAL CLASS M FLARE CAN BE EXPECTED DURING THE NEXT 13 HOURS.

A. A CLASS X EVENT WAS OBSERVED 28/1954Z IN REGION N22E22. THE FLARE WAS AN OPTICAL 1B. NEARLY ALL SOLAR ACTIVITY HAS BEEN CONFINED TO THE REGION N22E22. THIS REGION, ACCORDING TO MT. WILSON, CONTAINS A DELTA CONFIGURATION IN THE LEADER PORTION. THE 1B FLARE 28/1954Z HAS BEEN THE ONLY ENERGETIC FLARE DURING THE PAST 24 HOURS. THE GEOMAGNETIC FIELD IS QUIET.

B. CLASS M FLARES ARE EXPECTED FROM REGION N22E22 DURING THE NEXT 13 HOURS. THE GEOMAGNETIC FIELD IS EXPECTED TO HAVE PERIODS OF DISTURBED CONDITIONS. SATELLITE READOUTS INDICATE SOLAR ACTIVITY BEYOND THE EAST LIMB.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 29 JUNE/0400Z ENDING 2 JULY/0400Z

CLASS M OR GREATER 70/70/70

CLASS X 10/10/10

PROTON EVENTS 05/05/05

D. OTTAWA 10.7 CM FLUX FOR 28/1700Z WAS 154.

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HAUS BOU 291725Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO  
SDF NUMBER 672B ISSUED 1700Z 29 JUNE 1970

CLASS M EVENTS ARE EXPECTED DURING THE NEXT 11 HOURS.

A. GEOPHYSICALLY SIGNIFICANT ACTIVITY CONTINUES TO BE CONFINED TO THE N22E14 REGION. AN IMP ONE BRIGHT FLARE IN THIS REGION AT 29/1203Z WAS MEDIUM-SIZED CLASS M. THE FLARE WAS ACCOMPANIED BY A 192 FLUX UNIT BURST AT 10 CM AND SEVERE IONOSPHERIC DISTURBANCES. THE N22E14 SPOT GROUP HAS INCREASED IN LONGITUDINAL EXTENT AND CONTINUES TO CHANGE CONFIGURATION IN ITS LEADING PORTION WHERE THE ACTIVITY HAS BEEN OCCURRING. WHAT APPEARS TO BE A NEW BIPOLAR SET IS DEVELOPING IMMEDIATELY TO THE NORTH OF A LARGE H-TYPE SPOT LOCATED NEAR S08E57. SMALL REGIONS NEAR N07E57 AND S02E45 HAVE SHOWN SOME GROTH BUT NO SIGNIFICANT ACTIVITY. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. INFREQUENT ENERGETIC CLASS M AND POSSIBLY CLASS X ACTIVITY IS EXPECTED TO CONTINUE IN THE N22E14 REGION. INCREASED ACTIVITY IS EXPECTED FROM THE S08E57 REGION. THE GEOMAGNETIC FIELD IS EXPECTED TO BECOME DISTURBED AFTER THE N22E14 REGION CROSSES CENTRAL MERIDIAN.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 29 JUNE/1700Z ENDING 02 JULY/1700Z.

CLASS M OR GREATER 70/70/70

CLASS X 15/15/15

PROTON EVENTS 05/10/10

D. OTTAWA 10.7 CM FLUX FOR 29/1400Z WAS 162. PREDICTED 10.7 CM FLUX FOR 30 JUNE - 02 JULY IS 168/172/176.

E. MAGNETIC A-FREDERICKSBURG FOR 28 JUNE WAS 09. FOR 29 JUNE ABOUT 08 PREDICTED AP FOR 30 JUNE-02 JULY, 08/15/15.

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