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KMSC

HAUS BOU 210400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 756A ISSUED 0400Z 21 SEPTEMBER 1970

ONLY CLASS C FLARES ARE EXPECTED DURING THE NEXT 13 HOURS.

A. VERY LITTLE SOLAR ACTIVITY HAS BEEN OBSERVED DURING THE PAST 11 HOURS. THE REGION N22W27 WHICH MADE ITS APPEARANCE TODAY HAS NOT CHANGED DURING THE PAST 6 HOURS. ALL THE DISK REGIONS ARE SIMPLE MAGNETICALLY ACCORDING TO MT. WILSON. PLAGE IS NOT VERY BRIGHT IN REGIONS N22W27 AND N20E14. THE GEOMAGNETIC FIELD IS RELATIVELY QUIET.

B. SOLAR ACTIVITY WILL CONTINUE AT A LOW LEVEL. THE REGION N22W27 WILL BEAR WATCHING IF IT SHOULD CONTINUE ITS GROWTH. CLASS M FLARES ARE PROBABLE. THE GEOMAGNETIC FIELD WILL HAVE PERIODS OF DISTURBED CONDITIONS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 21 SEPT/0400Z ENDING 24 SEPT/0400Z

CLASS M OR GREATER 40/40/40

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 20/1700Z AND 20/2000Z WERE BOTH 146.

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HAUS BOU 211700

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 756B ISSUED 1700Z 21 SEP 1970

CLASS C FLARES EXPECTED DURING THE NEXT 13 HOUR PERIOD.

A. A CLASS M1 EVENT OCCURRED AT 21/0927Z AND A CLASS M3 EVENT OCCURRED AT 21/1013Z. NO OPTICAL REPORTS WERE RECEIVED FOR THESE TIMES. GROWTH OF THE N22W40 AND N20E03 REGIONS HAS LEVELED OFF. REGION LOCATED AT N13E60 HAS A LARGE PATCH OF CRESCENT SHAPED PLAGE EXTENDING 10 DEGREES NORTH OF THE SMALL SPOT GROUP. THE GEO-MAGNETIC FIELD CONTINUES TO BE UNSETTLED.

B. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT A LOW LEVEL. NO REGION HAS ATTAINED COMPLEXITY NECESSARY FOR ENERGETIC FLARES, I.E. STRONG CLASS M OR CLASS X FLARES. THE GEOMAGNETIC FIELD IS EXPECTED TO HAVE PERIODS OF DISTURBED CONDITIONS DURING THE NEXT 72 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 21 SEP/1700Z ENDING 24 SEP/1700Z.

CLASS M OR GREATER 40/40/40

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7CM FLUX FOR 21/1400Z WAS 150. PREDICTED 10.7CM FLUX FOR 22-24 SEP IS 152/154/156.

E. MAGNETIC A-FREDERICKSBURG FOR 20 SEP WAS 12. FOR 21 SEP ABOUT 16. PREDICTED AP FOR 22-24 SEP IS 15/15/12.

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