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HAUS BOU 270400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 792A ISSUED 0400Z 27 OCTOBER 1970

CLASS M FLARES ARE EXPECTED DURING THE NEXT 13 HOURS.

A. TWO CLASS M FLARES HAVE OCCURRED DURING THE PAST 11 HOURS--CLASS M2, 26/1800Z, SB; CLASS M2, 26/2158Z, SN. BOTH OF THESE EVENTS

OCCURRED IN THE NORTH EAST REGION. THE FREQUENCY OF CLASS M FLARES HAS DECREASED DURING THE PAST 11 HOURS. THE REGION N18E42 IS DECLIN-

ING. THE REGION IS STILL CLASSIFIED AS HAVING A DELTA CONFIGURATION. THE REGION N15E23 IS A BETA GAMMA ACCORDING TO MT. WILSON. THIS

REGION IS ALSO DECLINING. THE GEOMAGNETIC FIELD IS REMAINING QUIET.

B. THE CLASS M ACTIVITY IS EXPECTED TO DECREASE TO ONLY AN OCCASIONAL CLASS M FLARE EACH DAY. CLASS C ACTIVITY WILL CONTINUE AT MODERATE

LEVEL. THE GEOMAGNETIC FIELD WILL REMAIN QUIET UNTIL 29 OCTOBER WHEN DISTURBED CONDITIONS WILL BE PRESENT.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 27 OCT/0400Z ENDING 30 OCT/0400Z

CLASS M OR GREATER 90/90/85

CLASS X 25/25/20

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUXES FOR 26/1700Z AND 26/2000Z WERE 189 AND 193 RESPECTIVELY.

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FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 792B ISSUED 1700Z 27 OCTOBER 1970

ONE OR TWO CLASS M FLARES EXPECTED DURING THE NEXT 11 HOURS

A. A CLASS M2, SB--N13E34, FLARE OCCURRED AT 27/0824 AND A CLASS M3, IMPORTANCE 1 BSL--SE12, OCCURRED AT 1224Z. SE LIMB ACTIVITY HAS SUBSIDED IN THE PAST 4 HOURS AND THE S12E78 REGION APPEARS TO HAVE LESS THAN MODERATE PLAGE. THE NE COMPLEX OF REGIONS ARE DECLINING; WHITE LIGHT SPOTS OF THE N18E25 REGION ARE MORE BROKEN AND THE BRIGHT PLAGE HERE IS CONFINED TO A SMALLER AREA. THE N21E43 AND N13E10 REGIONS HAVE SHOWN LESS CHANGE BUT ARE SLIGHTLY DOWN FROM YESTERDAY. A BIPOLAR REGION IS GROWING A COUPLE OF DEGREES IN FRONT OF THE N13E10 LEADER.

B. CLASS M FLARE ACTIVITY IS EXPECTED TO SHOW A DECLINE IN THE NEXT 72 HOURS AS SIMPLIFICATION OF THE NE COMPLEX TAKES PLACE. GEOMAGNETIC ACTIVITY IS EXPECTED TO RISE IN THE NEXT THREE DAYS AS ANOTHER SECTOR BOUNDARY MAKES AN EARTH PASSAGE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 27 OCT/1700Z ENDING 30 OCT/1700Z.

CLASS M OR GREATER 90/80/70

CLASS X 10/05/02

PROTON EVENTS 02/02/02

D. OTTAWA 10.7CM FLUX FOR 27/1400Z WAS 186.

PREDICTED 10.7CM FLUX FOR 28-30 OCT IS 195/195/195.

E. MAGNETIC A-FREDERICKSBURG FOR 26 OCT WAS 02. FOR 27 OCT ABOUT 02. PREDICTED AP FOR 28-30 OCT IS 02/10/20.

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