

NNNN0350

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KMSC

HAUS BOU 180400Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 569A ISSUED 0400Z 18 MARCH 1970

NO CLASS M FLARES ARE EXPECTED DURING THE NEXT 13 HOURS.

A. A TOTAL OF 8 SUBFLARES (ONE A SMALL M AT 17/2248 UT) WAS RECORDED DURING THE PAST GREENWICH DAY. THE LIMBS AND DISK ARE QUIET. NO CHANGES HAVE BEEN REPORTED WITHIN ANY OF THE FOUR MINUSCULE SPOT GROUPS CURRENTLY VISIBLE.

B. SAME AS PREVIOUS MESSAGE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 18 MAR/0400Z ENDING 21 MAR/0400Z

CLASS M OR GREATER 25/25/25

CLASS X 2/2/2

PROTON EVENTS 1/1/1

D. OTTAWA 10.7 CM FLUXES FOR 17/1700Z AND 2000Z WERE 135 AND 136 RESPECTIVELY.

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HAUS BOU 181700Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 569B ISSUED 1700Z 18 MARCH 1970

ONLY CLASS C FLARES ARE EXPECTED DURING THE NEXT 11 HOURS.

A. HIGHLIGHTS FOR THE PERIOD 11-18 MARCH 1970--

IN SHARP CONTRAST TO LAST WEEK'S HISTORIC ACTIVITY, SIGNIFICANT EVENTS WERE FEW DURING THE ABOVE PERIOD. ONLY FIVE M EVENTS WERE RECORDED OCCURRING WITHIN FOUR WIDELY SEPARATED REGIONS. MCMATH REGION 618 DOMINATED THE DISK IN TERMS OF AREA AND OVERALL COMPLEXITY. IT PRODUCED TWO OF THE M FLARES MENTIONED BEFORE ROTATING FROM VIEW ON 16 MARCH. THE R NUMBER AS WELL AS THE OTTAWA 10.7 CM FLUX DECREASED ALMOST MONOTONICALLY THESE PAST EIGHT DAYS. CURRENTLY ONLY FOUR SPOT GROUPS ARE VISIBLE AND THE FLUX STANDS AT 136, DOWN FROM A HIGH OF 180 FOR THE MONTH. GEOPHYSICALLY CONDITIONS HAVE BEEN QUIET.

B. FORECAST FOR THE WEEK 19-25 MARCH 1970--

NO RECENTLY ACTIVE LONGITUDES ARE DUE TO RETURN. A WEEK SIMILAR TO THAT DESCRIBED ABOVE IS ANTICIPATED FOR THE NEXT 7-DAY PERIOD. 28-DAY FORECAST FOR THE PERIOD 19 MARCH-16 APRIL 1970-- THE REMAINDER OF THE MONTH SHOULD BE CHARACTERIZED BY A LOW LEVEL OF ACTIVITY.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 18/1700Z ENDING 21/1700Z.

CLASS M OR GREATER 30/40/40

CLASS X 02/05/05

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 134. PREDICTED 142/150/155.

E. MAGNETIC A-FREDERICKSBURG FOR 17 MAR WAS 05. FOR 18 MAR ABOUT 05. PREDICTED AP FOR 19-21 MAR 06/06/08.

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