

KMSC

HAUS BOU 12/0400Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 747A ISSUED 0400Z 12 SEPTEMBER 1970

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

A. ONE CLASS M EVENT WAS OBSERVED, A SN FLARE, 11/1748Z, FROM REGION N11W90 AS IT MADE ITS WEST LIMB PASSAGE. THERE HAS BEEN VERY LITTLE ACTIVITY FROM ANY OTHER REGION ON THE DISK. THE WEST LIMB ACTIVITY HAS ALSO SUBSIDED. ALL THE REGIONS ON THE DISK ARE VERY QUIET. THE GEOMAGNETIC FIELD IS VERY QUIET.

B. SOLAR ACTIVITY WILL REMAIN LOW AS NO NEW REGIONS ARE EXPECTED TO RETURN DURING THE NEXT THREE DAYS. THE GEOMAGNETIC FIELD WILL REMAIN QUIET UNTIL 13 SEPTEMBER WHEN PERIODS OF DISTURBANCE ARE EXPECTED.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 12 SEPT/0400Z ENDING 15 SEPT/0400Z

CLASS M OR GREATER 40/30/30

CLASS X 05/02/02

PROTON EVENTS 02/01/01

D. OTTAWA 10.7 CM FLUXES FOR 11/1700Z AND 11/2000Z WERE BOTH 133.

SOLTERWARN

SPAN

BT

NNNN1704

NNNN

KMSC

HAUS BOU 121700Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 747B ISSUED 1700Z 12 SEPT 1970

INFREQUENT CLASS C FLARES ARE ALL THE ACTIVITY EXPECTED

THESE NEXT 11 HOURS.

A. NO ENERGETIC EVENTS HAVE BEEN OBSERVED SINCE THE EARLIER MESSAGE. MOREOVER, CLASS C SUBFLARES TOTAL LESS THAN 10 FOR THE DAY. ALL DISK FEATURES MAY BE CHARACTERIZED AS SIMPLE ALPHA OR BIPOLAR GROUPS WITH DULL, SCATTERED ATTENDANT PLAGE. THE GEOMAGNETIC FIELD REMAINS UNDISTURBED.

B. NO ENERGETIC FLARES ARE ANTICIPATED DURING THE 3-DAY FORECAST PERIOD. A SECTOR BOUNDARY SHOULD SWEEP BY EARTH ABOUT MIDDAY TOMORROW. THE MAGNETIC DISTURBANCE IS NOT EXPECTED TO ATTAIN EVEN MINOR STORM PROPORTIONS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 12 SEPT/1700Z ENDING 15 SEPT/1700Z.

CLASS M OR GREATER 20/15/10

CLASS X 02/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 12/1400Z WAS 130. PREDICTED

10.7 CM FLUX FOR 13-15 SEPT ARE 123/120/119.

E. MAGNETIC A-FREDERICKSBURG FOR 11 SEPT WAS 01. FOR 12 SEPT ABOUT 06. PREDICTED AP FOR 13-15 SEPT, 19/14/05.

SOLTERWARN

SPAN

BT