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KMSC

HAUS BOU 110400Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 746A ISSUED 0400Z 11 SEPT 1970

ONE OR TWO WEAK M FLARES CAN BE EXPECTED FROM THE NW REGION DURING THE DAY.

A. NON-ENERGETIC EVENTS CONTINUE TO BE PRODUCED WITHIN THE DECLINING CENTER NOW NEAR N16W77. THE ASSOCIATED PLAGE OF THIS GAMMA SPOT GROUP IS NOT BRIGHT AND NEITHER ARE THE HYDROGEN PLAGES OF ANY OTHER DISK FEATURE. SOME MINOR SURGE ACTIVITY HAS BEEN IN EVIDENCE ALONG THE NW LIMB-ABOUT N16-21. ELEVEN REGIONS FACE EARTH NOT COUNTING THE ABOVE GROUP BUT EACH LACKS SUFFICIENT COMPLEXITY TO POSE MUCH OF AN IMMEDIATE THREAT. THE EARTH'S MAGNETIC FIELD IS UNDISTURBED.

B. THE ALREADY LOW ACTIVITY LEVEL IS EXPECTED TO DECLINE SHARPLY ONCE THE N16W77 GROUP ROTATES FROM VIEW. AN A-INDEX ABOVE 10 SHOULD BE RECORDED EITHER ON THE 12TH OR 13TH.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 11 SEPT/0400Z ENDING 14 SEPT/0400Z.

CLASS M OR GREATER 70/35/30

CLASS X 10/02/02

PROTON EVENTS 10/02/02

D. OTTAWA 10.7CM FLUXES FOR 10/1700Z AND 10/2000Z WERE 142 AND 141 RESPECTIVELY.

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FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 746B ISSUED 1700Z 11 SEP 1970
ONE OR TWO WEAK CLASS-M FLARES ARE ANTICIPATED DURING THE NEXT
11 HOURS.

A. SOLAR ACTIVITY HAS REMAINED AT A LOW LEVEL DURING THE PAST
13 HOURS; ONLY CLASS-C FLARES HAVE BEEN REPORTED. THE MOST
INTERESTING EVENT OBSERVED WAS A COMBINATION ONE-NORMAL FLARE,
IMPORTANCE-THREE BRIGHT SURGE, AND ERUPTIVE PROMINENCE AT
11/1413Z FROM THE DECAYING REGION NOW CROSSING THE LIMB NEAR
NW16. ALL OTHER DISK REGIONS PRESENTLY ARE UNIMPRESSIVE. THE
GEOMAGNETIC FIELD HAS REMAINED VERY QUIET DURING THE PAST
24 HOURS.

B. THERE IS A GOOD CHANCE THAT THE REGION NEAR NW16 MAY PRODUCE
ONE OR TWO SMALL CLASS-M FLARES BEFORE LIMB PASSAGE IS COMPLETE.
OTHER DISK REGIONS ARE NOT BELIEVED CAPABLE OF PRODUCING ENERGETIC
ACTIVITY DURING THE FORECAST PERIOD. A GEOMAGNETIC DISTURBANCE
IS LIKELY TO OCCUR ON 13 SEP AS A POSSIBLE INTERPLANETARY
SECTOR BOUNDARY SWEEPS PAST EARTH, BUT QUIET CONDITIONS ARE
EXPECTED TO PRECEDE THAT DISTURBANCE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE
24 HOUR PERIODS BEGINNING 11 SEP/1700Z ENDING 14 SEP/1700Z.

CLASS M OR GREATER 80/40/30

CLASS X 10/05/02

PROTON EVENTS 05/02/01

D. OTTAWA 10.7 CM FLUX FOR 11/1400Z WAS 133. PREDICTED
10.7 CM FLUX FOR 12-14 SEP IS 125/123/121.

E. MAGNETIC A-FREDERICKSBURG FOR 10 SEP WAS 05. FOR 11 SEP
ABOUT 02. PREDICTED AP FOR 12-14 SEP, 06/15/15.

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