

NNNNU0359

NNNN

KMSC

HAUS BOU 030400Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 615A ISSUED 0400Z 03 MAY 1970

ONLY CLASS C ACTIVITY IS EXPECTED DURING THE NEGT 13 HOURS.

A. SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL. ONLY A FEW CLASS C FLARES HAVE BEEN OBSERVED DURING THE PAST 11 HOURS. ACTIVITY ON THE NORTH EAST LIMB WHICH WAS QUITE HIGH HAS ALSO SUBSIDED DURING THE PAST 8 HOURS. THOUGH THERE ARE NUMEROUS GROUPS ON THE DISK AT THE PRESENT TIME NONE ARE VERY ACTIVE. THE GEOMAGNETIC FIELD IS QUIET.

B. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT LOW LEVEL FOR THE NEXT 24 HOURS. THE GEOMAGNETIC FIELD WILL CONTINUE TO HAVE PERIODS OF SLIGHT DISTURBANCE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 03 MAY/0400Z ENDING 06 MAY/0400Z

CLASS M OR GREATER 40/40/40

CLASS X 02/02/02

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUXES FOR 02/1700Z AND 2000Z WERE 162 AND 160 RESPECTIVELY.

SOLTERWARN

SPAN

BT

NNNN1721

NNNNWWM

KMSC

HAUS BOU 031724Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 615B ISSUED 1700Z 03 MAY 1970

ONLY CLASS-C ACTIVITY IS EXPECTED DURING THE NEXT 11 HOURS.

A. SOLAR ACTIVITY IS CONTINUING AT A VERY LOW LEVEL; ONLY A FEW NON-ENERGETIC SUBFLARES HAVE BEEN OBSERVED DURING THE PAST 13 HOURS. THE REGION AT N16E84 HAS PRODUCED ONLY ONE SUBFLARE SINCE IT ROTATED ONTO THE DISK, DESPITE CONSIDERABLE SURGE ACTIVITY THAT PRECEDED THE APPEARANCE OF THE REGION; THIS REGION IS ACCOMPANIED BY A SMALL CLOUD OF PLAGE OF MODERATE BRIGHTNESS. OTHER REGIONS ON THE DISK HAVE SHOWN NO REALLY SIGNIFICANT ACTIVITY OR DEVELOPMENT DURING THE PAST 13 HOURS. THE GEOMAGNETIC FIELD HAS REMAINED ONLY SLIGHTLY DISTURBED.

B. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A LOW LEVEL DURING THE NEXT 24 HOURS. BECAUSE OF ITS PROXIMITY TO THE LIMB, THE REGION AT N16E84 PRESENTLY IS DIFFICULT TO EVALUATE WITH RESPECT TO FLARE POTENTIAL. THOUGH MAJOR ACTIVITY IN THE IMMEDIATE FUTURE DOES NOT APPEAR LIKELY FROM THIS REGION. THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN SLIGHTLY DISTURBED.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 03 MAY/1700Z ENDING 06 MAY/1700Z.

CLASS M OR GREATER 40/45/50

CLASS X 02/02/02

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUX TODAY IS 158. PREDICTED 159/162/166.

E. MAGNETIC A-FREDERICKSBURG FOR 02 MAY WAS 10. FOR 03 MAY ABOUT 06 PREDICTED AP FOR 04-06 MAY, 10/10/08.

SOLTERWARN

SPAN

BT