

NNNN

KMSC

HAUS BOU 040400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 004A ISSUED 0400Z 04 JANUARY 1971

DURING THE NEXT 13 HOURS ONLY NON-ENERGETIC FLARES ARE EXPECTED.

A. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 11 HOURS. A NEW H TYPE SPOT GROUP HAS ROTATED ON THE DISK AT S08. SMALL BSL ACTIVITY AT ABOUT NE12-19 INDICATES ANOTHER REGION IS DUE TO APPEAR. ALL REGIONS APPEAR QUIET AND STABLE. THE GEOMAGNETIC FIELD REMAINS SLIGHTLY DISTURBED.

B. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT LOW LEVEL. THE DISTURBANCE IN THE MAGNETIC FIELD IS EXPECTED TO RECEDE DURING THE NEXT 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 04 JAN/0400Z ENDING 07 JAN/0400Z

CLASS M OR GREATER 30/30/30

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 03/2000Z WAS 140.

SOLTERWARN

SPAN

BT

NNNN0400

---

NNNN

KMSC

HAUS BOU 041705

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 004B ISSUED 1700Z 04 JAN 1971

ONLY MINOR ACTIVITY IS EXPECTED DURING THE NEXT 11 HOURS.

A. NO FLARES HAVE BEEN REPORTED SO FAR THIS UT DAY. THE ONLY IMPRESSIVE DISK FEATURE IS LOCATED NEAR S08E80 WHERE A LARGE ASYMMETRIC LEADER SPOT IS SEPARATED FROM A THIN BRIGHT LINE OF TRAILING PLAGE BY A NORTH-SOUTH NEUTRAL LINE. ADDITIONAL SPOTS MAY BE ON THE LIMB BUT THE PLAGE APPEARS TO BE CLEAR OF THE LIMB. THE GEOMAGNETIC FIELD WAS UNSETTLED THROUGH THE NIGHT BUT IS PRESENTLY QUIET.

B. ONLY MINOR ACTIVITY IS EXPECTED DURING THE NEXT 72 HOURS. THE S08E80 REGION IS THE MOST LIKELY SOURCE OF SIGNIFICANT ACTIVITY. THE GEOMAGNETIC FIELD WILL LIKELY BE UNSETTLED FOR BRIEF PERIODS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 04 JAN/1700Z ENDING 07 JAN/1700Z.

CLASS M OR GREATER 30/30/30

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 04/1400Z WAS 143. PREDICTED

10.7 CM FLUX FOR 05-07 JAN IS 144/146/148.

E. MAGNETIC A-FREDERICKSBURG FOR 03 JAN WAS 28. FOR 04 JAN ABOUT 10. PREDICTED AP FOR 05-07 JAN, 10/10/08.

SOLTERWARN

SPAN

BT