

HAUS BOU 120400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 071A ISSUED 0400Z 12 MARCH 1971

ONLY CLASS C ACTIVITY IS ANTICIPATED DURING THE NEXT 13 HOURS.

A. ONLY A FEW NON-ENERGETIC SOLAR EVENTS HAVE BEEN REPORTED DURING THE PAST 11 HOURS. A NEW REGION CONTAINING ARCH-FILAMENTS AND A B-TYPE SPOT GROUP IS GROWING AT S04W21, AND A NEW D-TYPE SPOT GROUP ACCCOMPANIED BY MODERATELY BRIGHT PLAGE HAS CROSSED THE LIMB AT NE09. QUIET GEOMAGNETIC CONDITIONS HAVE BEEN OBSERVED DURING THE PAST 11 HOURS.

B. DURING THE THREE-DAY FORECAST PERIOD, SOLAR ACTIVITY IS EXPECTED TO REMAIN NEAR ITS PRESENT LOW LEVEL, AND ONLY OCCASIONAL CLASS C EVENTS ARE LIKELY. THE GEOMAGNETIC FIELD IS EXPECTED TO BECOME SLIGHTLY DISTURBED LATE 12 MARCH OR EARLY 13 MARCH DUE TO A PASSING INTERPLANETARY SECTOR BOUNDARY.

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

CLASS M OR GREATER 20/20/20

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 11/1700Z AND 11/2000Z WERE 111 AND 113 RESPECTIVELY.

SOLTERWARN

SPAN

BT

NNNN

KBOU

HAUS BOU 121700

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 071B ISSUED 1700Z 12 MARCH 1971

CLASS C FLARES EXPECTED NEXT 11 HOURS.

A. FREQUENT MINOR PLAGE ACTIVITY HAS BEEN OBSERVED IN NEARLY ALL PLAGE REGIONS ON THE VISIBLE SOLAR DISK BUT NONE HAS BEEN SIGNIFICANTLY ENERGETIC. A NOMINAL BIPOLAR REGION STILL IN A DEVELOPMENT PHASE IS CLEAR OF THE LIMB AT N07E70 BUT SURGES REPORTED BEYOND THE LIMB AT THE SAME LATITUDE INDICATE THERE IS MORE TO COME. PHOTOSPHERIC STRUCTURAL CHANGES MAY HAVE REDUCED SOME OF THE COMPLEXITY IN THE S17E19 REGION BUT SMALL ANOMALIES STILL REMAIN. SLIGHT GROWTH IS CONTINUING AT S08W15.

B. MINOR ACTIVITY IS EXPECTED FOR THE NEXT FEW HOURS. SPORADIC RELAXATION FLARES AT S17E16 MAY APPROACH CLASS M SIZE AND CONTINUED DEVELOPMENT AT N07E70 MAY PRODUCE EVENTS OUT OF BACKGROUND LEVELS THERE. MINOR MAGNETIC DISTURBANCE IS EXPECTED FOR THE NEXT THREE DAYS.

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

CLASS M OR GREATER 25/25/25

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7CM FLUX FOR 12/1400Z WAS 117. PREDICTED 10.7CM FLUX FOR 13-15 MAR IS 118/120/121.

E. MAGNETIC A-FREDERICKSBURG FOR 11 MAR WAS 06. FOR 12 MAR ABOUT 08. PREDICTED AP FOR 13-15 MAR IS 10/10/10.

SOLTERWARN

SPAN

BT