

NNNN0350

NNNN0357

NNNN

KMSC

HAUS BOU 140400Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 565A ISSUED 0400Z 14 MARCH 1970

CLASS C FLARES ARE EXPECTED AND CLASS M FLARES ARE PROBABLE DURING THE NEXT 13 HOURS.

A. ONLY A FEW CLASS C FLARES HAVE BEEN OBSERVED DURING THE LAST 11 HOURS. THE REGION S14W40 WHICH HAS PRODUCED THE MOST ACTIVITY TODAY IS BREAKING UP IN THE LEADER PORTION. THE OTHER REGIONS ON THE DISK HAVE NOT CHANGED MUCH AND ARE RELATIVELY QUIET. THERE HAS BEEN SOME ACTIVITY ON THE EAST LIMB S17 WHICH MAY INDICATE A RETURN REGION. THE GEOMAGNETIC FIELD IS QUIET.

B. CLASS C FLARES WITH AN OCCASIONAL CLASS M FLARE CAN BE EXPECTED FROM S14W40.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 14 MAR/0400Z ENDING 17 MAR/0400Z

CLASS M OR GREATER 40/40/40

CLASS X 05/05/05

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUX 13/1700Z AND 2000Z WERE 157 AND 155 RESPECTIVELY.

SOLTERWARN

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NNNN1710

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KMSC

HAUS BOU 141713Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 565B ISSUED 1700Z 14 MARCH 1970

CLASS C FLARES ARE EXPECTED IN THE NEXT 13 HOURS

A. ONLY CLASS C FLARES HAVE BEEN OBSERVED IN THE LAST 11 HOURS. THE REGION LOCATED NEAR S01E10 HAS SHOWN SPOT GROWTH /D-TYPE/ AND IS COVERED WITH BRIGHT PLAGE AND ARCH FILAMENTS. THE REGION LOCATED NEAR S14W51 APPEARS TO BE DECLINING IN BOTH SPOT AREA AND COMPLEXITY. THESE ARE THE ONLY INTERESTING FEATURES ON THE DISK AT PRESENT. ACTIVITY ON THE SE LIMB INDICATES RETURNING REGIONS ALSO SCATTERED PLAGE HAS ROTATED ON THE DISK IN THE SE. THE GEOMAGNETIC FIELD IS QUIET.

B. CLASS M PROBABILITIES ARE RISING DUE TO THE EXPECTED GROWTH IN THE S01E10 REGION AND THE RETURN OF ACTIVE REGIONS IN THE NEXT 72 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 14 MAR/1700Z ENDING 17 MAR/1700Z.

CLASS M OR GREATER 30/40/50

CLASS X 05/05/10

PROTON EVENTS 02/02/02

D. OTTAWA 10.7CM FLUX AT 1400Z WAS 149. PREDICTED 145/142/145.

E. MAGNETIC A-FREDERICKSBURG FOR 13 MAR WAS 07. FOR 14 MAR ABOUT 04. PREDICTED AP FOR 15-17 MAR 06/06/06.

SOLTERWARN

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