

NNNN0359

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KMSC

HAUS BOU 110400Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 654A ISSUED 0400Z 11 JUNE 1970

ENERGETIC FLARE POTENTIAL IS SLOWLY INCREASING. ANY ONE OF THREE  
NE REGIONS MAY GIVE RISE TO SUCH ACTIVITY DURING THE NEXT 13 HOURS.

A. BACKGROUND FLARE ACTIVITY, I.E. TYPE C, CONTINUES AT THE RATE  
OF ABOUT TWO PER HOUR, PRIMARILY FROM THE TRIO OF PLAGES IN THE NE  
QUADRANT. BSL'S ARE STILL BEING OBSERVED ON THE EL NEAR N20. AS YET  
NO SPOT GROUP IS VISIBLE THERE. FROM WHATEVER REGION OR REGIONS EXISTS  
JUST BEYOND THE LIMB, PIONEER 7 DATA IMPLY NO REALLY ENERGETIC FLARES  
HAVE OCCURRED NEAR THAT LONGITUDE DURING THE PAST TWO DAYS. THE GEO-  
MAGNETIC FIELD IS QUIET.

B. NO CHANGE.

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

CLASS M OR GREATER 80/80/80

CLASS X 05/05/05

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 10/1700Z AND 10/2000Z WERE 142 AND 145  
RESPECTIVELY.

SOLTERWARN

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NNNN1706

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KMSC

HAUS BOU 111700Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 654B ISSUED 1700Z 11 JUNE 1970

ONE OR TWO CLASS-M FLARES ARE LIKELY DURING THE NEXT 11 HOURS

A. MOST ACTIVITY DURING THE PAST 13 HOURS HAS BEEN CONFINED TO THE NORTHEAST QUADRANT; NO CLASS-M FLARES HAVE BEEN REPORTED, DESPITE CONTINUING PRODUCTION OF SMALL FLARES. A NEW D-TYPE REGION HAS ROTATED ONTO THE DISK AND IS NOW LOCATED AT N18E75. THIS NEW REGION CONTAINS COMPACT, BRIGHT PLAGE AROUND THE LEADER SPOTS. THE REGION AT N16E58 CONTAINS PLAGE THAT IS NEAR-FLARE BRIGHT, AND THE REGIONS AT N18E33, N14E26, AND N16E04 HAVE SHOWN RELATIVELY LITTLE CHANGE. CONSIDERABLE SURGE ACTIVITY HAS BEEN OBSERVED AT ABOUT NE18. THE REMAINDER OF THE DISK HAS SHOWN LITTLE CHANGE. THE GEOMAGNETIC FIELD HAS REMAINED QUIET DURING THE PAST 24 HOURS.

B. SMALL FLARES ARE EXPECTED TO CONTINUE FROM THE REGIONS LOCATED IN THE NORTHEAST QUADRANT; A FEW OF THESE FLARES ARE EXPECTED TO PRODUCE X-RAYS OF CLASS-M INTENSITY. THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN RELATIVELY QUIET WITH OCCASIONAL PERIODS OF SLIGHT DISTURBANCE.

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

CLASS M OR GREATER 85/85/85

CLASS X 10/10/10

PROTON EVENTS 01/02/05

D. OTTAWA 10.7CM FLUX FOR 11/1400Z WAS 162. PREDICTED 10.7CM FLUX FOR 12-14 JUNE IS 170/178/186.

E. MAGNETIC A-FREDERICKSBURG FOR 10 JUNE WAS 08. FOR 11 JUNE ABOUT 08. PREDICTED AP FOR 12-14 JUNE IS 09/09/09.

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