NNNN0504
NNNN
KMSC
HAUS BOU 170400Z
FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 448A ISSUED 0400Z 17 NOVEMBER 1969
CLASS M FLARES ARE EXPECTED IN THE NEXT 13 HOURS.
A. A CLASS M FLARE WAS OBSERVED 16/2140Z AT N06E59 OPTICALLY THE
FLARE WAS CLASSIFIED SUB BRIGHT. AN OPTICAL FLARE ONE NORMAL WAS
OBSERVED 16/2223Z AT N14E64 AND WAS A CLASS C FLARE. THE REGION
N13E68 HAS GROWN AND HAS BECOME MORE COMPLEX AS WELL AS REGION
N08E62. THERE HAS BEEN VERY LITTLE ACTIVITY IN OTHER REGIONS ON
THE VISIBLE DISK. THE GEOMAGNETIC FIELD REMAINS QUIET.
B. CLASS M FLARES ARE EXPECTED FROM THE REGIONS N13E68 AND N08E62.
C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR
PERIODS BEGINNING 17 NOV/0400Z ENDING 20 NOV/0400Z.
CLASS M OR GREATER 60/60/60
CLASS X 10/10/10
PROTON EVENTS 05/05/05
D. OTTAWA 10.7 CM FLUX 16/1700Z AND 2000Z WERE 149 AND 151
RESPECTIVELY.
SOLTERWARN
SPAN
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KMSC
HAUS BOU 171704Z
FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 448B ISSUED 1700Z 17 NOVEMBER 1969
CLASS M FLARES ARE EXPECTED DURING THE NEXT 11 HOURS
A.   SOLAR ACTIVITY IS AT A LOW LEVEL SINCE SDF 448A.   SPOT
GROWTH HAS OCCURRED NW AND WEST OF THE LARGE N12E56 SPOT AND
ALSO SPOT GROWTH IN THE N08E50 REGION.   THE PLAVE OVERLYING THESE
NEW SPOTS IS BRIGHT AND FLUCTUATING.   THE 9.1 CM AND 8.6 MM
RADIO MAPS INDICATE THAT THIS REGION IS VERY HOT.   THE 1-8
A X-RAY BACKGROUND FLUX IS ENHANCED.   OTHER DISK REGIONS ARE
UNIMPRESSIVE.   THE GEOMAGNETIC FIELD IS QUIET.
B.   CLASS M FLARES ARE EXPECTED FROM THE N12E56 AND N08E50
REGIONS.   MAJOR ACTIVITY IS INCREASINGLY PROBABLE AS THIS COMPLEX
OF REGIONS CONTINUES TO DEVELOP.
C.   FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24
HOUR PERIODS BEGINNING 17/1700Z ENDING 20/1700Z.
CLASS M OR GREATER 70/80/90
CLASS X   20/25/30
PROTON EVENTS   20/25/30
D.   OTTAWA 10.7 CM FLUX AT 1400Z WAS 164.   PREDICTED 175/183/190.
E.   MAGNETIC A-FREDERICKSBURG FOR 16 NOV WAS 02.   FOR 17 NOV
ABOUT 04.   PREDICTED AP FOR 18-20 NOV 05/05/08.
SOLTERWARN
SPAN
BT