NNNN0357
NNNN
KMSC
HAUS BOU 130400Z
FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 505A ISSUED 0400Z 13 JANUARY 1970
CLASS M FLARES ARE EXPECTED DURING THE NEXT 13 HOURS.
A. SOLAR ACTIVITY HAS INCREASED SOMEWHAT DURING THE PAST 11 HOURS.
ALL ACTIVITY HAS TENTATIVELY BEEN CLASSIFIED AS CLASS C ACTIVITY.
TWO OPTICAL 1 FLARES HAVE BEEN REPORTED 13/0052Z S06E80 AND 13/0147Z
S12W05. BOTH FLARES WERE ACCOMPANIED BY SMALL RADIO BURSTS AND SMALL
SPAS. SEVERAL OTHER REGIONS HAVE PRODUCED NUMEROUS SUBFLARES. THE
GEOMAGNETIC FIELD IS SLIGHTLY DISTURBED.
B. SOLAR ACTIVITY IS EXPECTED TO INCREASE DURING NEXT 24 HOURS. ONLY
CLASS C AND CLASS M ACTIVITY IS EXPECTED.
C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR
PERIODS BEGINNING 13 JAN/0400Z ENDING 16 JAN/0400Z
CLASS M OR GREATER 60/60/60
CLASS X 10/10/10
PROTON EVENTS 05/05/05
D. OTTAWA 10.7 CM FLUX 12/1700Z AND 2000Z WERE 178 AND 179
RESPECTIVELY.
SOLTERWARN
SPAN
BT

NNNN1739
NNNN
KMSC
HAUS BOU 131730Z
FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 505B ISSUED 1700Z 13 JAN 1970
CLASS M FLARES ARE EXPECTED DURING THE NEXT 11 HOURS.
A. A WEAK CLASS M EVENT (OPTICAL IMPORTANCE SF) WAS OBSERVED
AT S13E75 AT 13/0057Z. THE SOUTHERN HEMISPHERE OF THE SOLAR
DISK CONTINUES TO PRODUCE NUMEROUS CLASS C FLARES. THE S10E02
REGION IS BREAKING UP IN THE TRAILING SPOT. MINOR SPOT GROWTH
HAS OCCURRED AT S07E76. BSL'S CONTINUE AT S03-11 EL. THE
GEOMAGNETIC FIELD IS QUIET.
B. THE PRESENT LEVEL OF ACTIVITY SHOULD CONTINUE FOR THE NEXT
THREE DAYS WITH ONE OR TWO CLASS M EVENTS. FURTHER GROWTH OF THE
REGIONS IS NECESSARY BEFORE MAJOR ACTIVITY CAN OCCUR.
C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR
PERIODS BEGINNING 13/1700Z ENDING 16/1700Z.
CLASS M OR GREATER 60/70/70
CLASS X   10/10/10
PROTON EVENTS   5/5/5
D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 173. PREDICTED 175/170/170.
E. MAGNETIC A-FREDERICKSBURG FOR 12 JAN WAS 05. FOR 13 JAN ABOUT
05 PREDICTED AP FOR 14-16 JAN, 8/8/8.
SOLTERWARN
SPAN
BT