

KMSC  
PP KGFF  
DE BOU 010400Z  
THIS MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 432A ISSUED 0400Z 01 NOVEMBER 1969

CLASS M FLARES ARE EXPECTED DURING THE NEXT 13 HOURS.

A. SURGE ACTIVITY ON THE WEST LIMB HAS BEEN PRESENT TODAY FROM THE REGION NOW COMPLETING ITS WEST LIMB PASSAGE. SURGE ACTIVITY HAS ALSO STARTED ON THE EAST LIMB WHERE A RETURNING REGION IS STARTING ITS EAST LIMB PASSAGE. A CLASS C FLARE OPTICAL 1N WAS ALSO OBSERVED 31/2019Z AT N13E90. THIS REGION APPEARS TO HAVE GROWN SINCE ITS WEST LIMB PASSAGE. THE MAGNETIC FIELD IS RELATIVELY QUIET.

B. SOLAR ACTIVITY MAY INCREASE WITH THE APPEARANCE OF THE REGION ON THE NORTH EAST LIMB.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 01/0400Z ENDING 04/0400Z.

CLASS M OR GREATER 35/35/35

CLASS X 10/10/10

PROTON EVENTS 5/5/5

D. OTTAWA 10.7 CM FLUX 31/1700Z AND 2000Z WERE 156 AND 154 RESPECTIVELY.

BT

NNNNUU1701  
NNNNZGVWGVVDGVUGVXGUU  
KMSC  
PP KGFF  
DE BOU 011700Z  
HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 432B ISSUED 1700Z 01 NOVEMBER 1969  
CLASS C FLARES ARE EXPECTED IN THE NEXT 11 HOURS.  
A. FLARE ACTIVITY AND CORONAL EMISSION ASSOCIATED WITH WEST LIMB  
PASSAGE OF REGION AT N10W90 CONTINUE. THE RETURNING REGION AT  
N13E90 APPEARS MODERATELY ACTIVE, WITH SURGES, FLARES, AND STRONG  
GREEN CORONAL LINE REPORTED. PROTON FLUXES AT SATELLITE HEIGHT  
ARE AT BACKGROUND. GEOMAGNETIC FIELD IS QUIET.  
B. LIMB EVENTS EXPECTED FROM BOTH EAST AND WEST LIMB REGIONS.  
CLASS C FLARES EXPECTED FROM S13W36 REGION.  
C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24  
HOUR PERIODS BEGINNING 01 NOV/1700Z ENDING 03/1700Z.  
CLASS M OR GREATER 35/35/35  
CLASS X 05/05/05  
PROTON EVENTS 05/05/05  
D. OTTAWA 10.7 CM FLUX TODAY AT 1400Z WAS 143. PREDICTED 135/127/120.  
E. MAGNETIC A-FREDERICKSBURG FOR 31 OCTOBER WAS 07. FOR  
01 NOVEMBER ABOUT 04. PREDICTED AP FOR 02-04 NOV; 05/05/10.  
F. KP ESTIMATED FOR 1200-1500Z WAS 02. KP FORECAST FOR NEXT 24  
HOURS PER KP 15.3; 2/2/2/2/2/2/2.  
SOLTERWARN  
BT