

NNNN  
VKMSC PP KGFF  
DE BOU 141700Z  
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 322A ISSUED 1700Z 14 JULY 1969

ONLY MINOR ACTIVITY EXPECTED DURING THE NEXT 6 HOURS.

A. SOLAR ACTIVITY REMAINS AT A VERY LOW LEVEL. IMP ONE NORMAL  
CLASS C FLARES OCCURRED AT 14/0217Z IN THE REGION NEAR S14W22  
AND AT 14/1430Z IN THE DEVELOPING REGION NEAR N20W12. THE  
N20W12 REGION HAS SHOWN ADDITIONAL SPOT GROWTH THE PAST 18  
HOURS AND CONTINUES TO CHANGE IN CONFIGURATION, BUT IT REMAINS  
MAGNETICALLY SIMPLE. ALL OTHER REGIONS ARE UNIMPRESSIVE AND  
RELATIVELY STABLE OR DECAYING. MINOR SURGE ACTIVITY IS REPORTED  
NEAR NE16 AND A SMALL PLAGE IS ROTATING ONTO THE DISK NEAR  
SE20. THE GEOMAGNETIC FIELD CONTINUES TO SHOW PERIODS OF MINOR  
DISTURBANCE.

*Mt. Wilson data  
as of 14/1715Z  
classifies this  
region as Bδ with  
S configuration.*

B. ACTIVITY IS EXPECTED TO CONTINUE AT A LOW LEVEL FOR THE NEXT  
72 HOURS. INFREQUENT SMALL BUT POSSIBLY ENERGETIC FLARES ARE  
POSSIBLE FROM THE N20W12 REGION.

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

CLASS M OR GREATER 30/30/30

CLASS X 05/05/05

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 129. PREDICTED 125/125/130.

F. KP ESTIMATED FOR 1200-1500Z WAS 3. KP FORECAST FOR NEXT 24  
HOURS PER KP 15.3 3/3/3/3/3/3/3/3.

SOLTERWARN

BT

NNNN  
VKMSC PP KGFF  
DE BOU 142300Z  
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 322B ISSUED 2300Z 14 JULY 1969

CLASS M FLARES ARE POSSIBLE DURING THE NEXT 18 HOURS.

A. NO SIGNIFICANT ACTIVITY HAS BEEN OBSERVED THE PAST 6 HOURS. THE REGION NEAR N20W12 CONTINUES TO DEVELOP, ESPECIALLY IN THE TRAILING PORTION. THE REGION HAS BECOME MAGNETICALLY MORE COMPLEX AND IS CLASSIFIED BY MT. WILSON AS MAGNETICALLY BETA-GAMMA WITH A DELTA CONFIGURATION. AS A RESULT OF THIS INCREASE IN COMPLEXITY WE ARE INCREASING THE CLASS M PROBABILITIES. THE REGION IS NOT YET CONSIDERED TO BE OF CLASS X POTENTIAL.

SECTION B REMAINS UNCHANGED FROM SDF 322A.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 14 JULY/2300Z ENDING 17 JULY/2300Z.

CLASS M OR GREATER 50/50/50

CLASS X 05/05/05

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUX AT 1700Z TODAY WAS 130. PREDICTED 125/125/130

E. MAGNETIC A-FREDERICKSBURG FOR 13 JULY WAS 15. FOR 14 JULY ABOUT

12. PREDICTED AP FOR 15-17 JULY 15/15/10.

BT