

UUV
PP KGFF
DE BOU 011739Z
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 975A ISSUED 1700Z AUGUST 01 1968

A MAJOR FLARE IS POSSIBLE DURING THE NEXT 6 HOURS.

A. THREE STRINGS OR CHAINS OF SMALL SPOTS HAVE FORMED WITHIN THE REGION NOW CENTERED NEAR N14W23. HYDROGEN-ALPHA OBSERVATIONS INDICATE THAT THE ASSOCIATED PLAGE IS BRIGHT, COMPACT, AND CONTAINS WELL DEFINED FIBRILLE STRUCTURE IN ITS OUTLYING PORTIONS. A DARK FILAMENT IS LOCATED SLIGHTLY SOUTH BUT PARALLEL TO THE CENTRAL CHAIN OF SPOTS. ON THE OTHER HAND THE GROUP IMMEDIATELY SOUTH OF THE REGION DESCRIBED ABOVE HAS CHANGED LITTLE DURING THE PAST 24 HOURS. A NEW REGION IS JUST BEGINNING TO ROTATE INTO VIEW NEAR N19 ON THE EAST LIMB. APPROXIMATELY 15 DEGREES FURTHER NORTH AN IMPORTANCE 2 BRIGHT SPRAY BEGAN ABOUT 1630Z.

B. A MAJOR OPTICAL EVENT IS EXPECTED WITHIN THE NEXT 24 HOURS FROM THE N14W23 CENTER. IN CONTRAST THE WHITE AND MONOCHROMATIC LIGHT CONFIGURATIONS OF THE REGION NEAR N07W25 ARE NOT CONDUCTIVE TO ACTIVITY ABOVE THE SUBFLARE LEVEL.

FORECASTS FOR AUGUST 02-04

C. DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER ~~55~~10/5
IMPORTANCE THREE OR GREATER 1/1/1
PROTON EVENTS 5/1/1

D. OTTAWA 10.7 CM FLUX TODAY IS 130. PREDICTED 134/136/136.
BT

NNNNMMNNNN

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DE BOU 012300Z

HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 975B ISSUED 2300Z AUGUST 01 1968

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 18 HOURS

- A. THE REGION NEAR N14 W27 IS STILL CONSIDERED TO BE A POSSIBLE
SOURCE FOR MAJOR FLARE ACTIVITY. THIS REGION HAS BEEN CLASSIFIED
MAGNETICALLY AS A BETA BY MT. WILSON. THE MOST INTERESTING
FEATURE OF THE GROUP IS THE PRESENCE OF A HIGHLY INCLINED
NEUTRAL LINE THREADING THROUGH THE CENTRAL AREA OF THE ACTIVE
CENTER.

SECTIONS B C AND D REMAIN UNCHANGED FROM SDF 975A WITH THE
EXCEPTION OF THE FOLLOWING CORRECTION TO PART C.

IMPORTANCE TWO OR GREATER 50/10/5

E. MAGNETIC A-FREDERICKSBURG FOR 31 JULY WAS 04. FOR 01 AUGUST
ABOUT 08. PREDICTED FOR 02-04 AUGUST UNDER 10/8-12/UNDER 10.

SOLTERWARN

BT