

NNNNUV

PP KGF
DE BOU 141725Z

THIS IS THE MESSAGE FOR REFILE.

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 927A ISSUED 1700Z JUNE 14 1968

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. HIGHLIGHTS FOR THE WEEK JUNE 6-14 CMMA 1968 CLN

ON 9 JUNE AN IMPORTANCE 2B FLARE WAS REPORTED AT 0025Z FROM WHAT APPEARED TO BE ONLY A SLIGHTLY COMPLEX MAGNETIC REGION AT N16E40. MODERATE IONOSPHERIC EFFECTS AND STRONG CM-WAVELENGTH RADIO BURSTS WERE DETECTED WITH THE EVENT. MOST OF THE WEEKS ACTIVITY CMMA HOWEVER CMMA CENTERED ABOUT A SMALL SPOT GROUP CMMA THE REMNANTS OF WHICH ARE NOW LOCATED NEAR S13W70. THE SECOND IMPORTANCE 2B FLARE OF THE 9TH OCCURRED THERE BEFORE 0840 UT. MINOR POLAR CAP ABSORPTION AND A MODERATE MAGNETIC STORM FOLLOWED THIS FLARE BY 1.5 AND 37 HOURS RESPECTIVELY. THE THIRD MAJOR FLARE DURING THIS PERIOD WAS OBSERVED AT 11/0934Z FROM A SPOT GROUP CURRENTLY NEAR S15W11. ASSOCIATED X-RAYS AND COMPLEX RADIO BURSTS AT 10 CM WERE OF MODERATE STRENGTH. AT PRESENT THIS ACTIVE REGION DOMINATES THE DISK. BORN ON THE DISK LATE JUNE 9 CMMA THIS REGION GREW RAPIDLY TO CLASS/AREA D/ABOUT 700 ON JUNE 13 BUT IT HAS DECAYED SLIGHTLY SINCE THEN. A SMALL SPOT GROUP ASSOCIATED WITH A MODERATELY BRIGHT AND EXTENDED H-PLAGE NEAR S30E45 HAS BEEN A FREQUENT PRODUCER OF MINOR FLARE ACTIVITY.

B. FORECAST FOR THE WEEK JUNE 15-21 CMMA 1968 CLN

FLARES AS LARGE AS IMPORTANCE TWO ARE POSSIBLE BUT NOT EXPECTED FROM THE S15W11 REGION. THE REGION NEAR S30E45 MAY ALSO PRODUCE FLARES APPROACHING IMPORTANCE TWO. ONLY MINOR FLARE ACTIVITY IS EXPECTED FROM THE REMAINING VISIBLE REGIONS.

C. 28 DAY FORECAST FOR JUNE 15-JULY 12 CMMA 1968 CLN

SOLAR ACTIVITY IS EXPECTED TO BE HIGHER THAN NORMAL THROUGHOUT THE REMAINDER OF JUNE.

D. THE DAILY FORECAST FOR JUNE 15-17 AND EXPECTED MEAN FORECAST FOR JUNE 18-21 CMMA 1968 CLN

DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS

IMPORTANCE TWO OR GREATER 20-15-15 /10/

IMPORTANCE THREE OR GREATER 2-2-2 /1/

PROTON EVENTS 1-1-1 /1/

10.7 CM FLUX TODAY 137. PREDICTED 134-133-136 /138/

BT

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

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 927B ISSUED 2300Z JUNE 14 1968
ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.
A. ONLY MINOR FLARES HAVE OCCURRED SINCE SDF 927A. THE REGIONS NEAR
S15W15 AND S31E40 REMAIN AS DESCRIBED IN SDF 927A AND ARE THE MOST
ACTIVE ON THE VISIBLE DISK.
SECTIONS B, C AND D ARE UNCHANGED FROM SDF 927A.
E. MAGNETIC A-FREDERICKSBURG FOR 13 JUNE WAS 32. FOR 14 JUNE ABOUT
12. PREDICTED AP FOR 15-17 JUNE ALL UNDER 10.
BT

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