

PP KGFF
DE BOU 241700Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 906A ISSUEE 1700Z MAY 24 CMMA 1968
ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. HIGHLIGHTS FOR THE WEEK MAY 16-24 CMMA 1968 CLN

THE LARGEST OPTICAL EVENTS OBSERVED DURING THIS PERIOD WERE THREE
IMPORTANCE 1B FLARES FROM TWO REGIONS NOW CENTERED NEAR S15W22
AND S29W47. FLARES OCCURRED AT 19/0359 CMMA 1227 CMMA AND 23/0837
UT. MODERATE-STRENGTH DECIMETER AND STRONG METER-WAVELENGTH NOISE
BURSTS WERE OBSERVED ONLY DURING THE 19/1227Z EVENT. ALL THREE
FLARES LACKED X-RAY EMISSION. BOTH OF THESE SPOT GROUPS APPEARED TO
BE OF A SIMPLE BIPOLAR CONFIGURATION AND AVERAGED 500 MILLIONTHS
EACH IN AREA. FOR THE PAST SIX DAYS A MODERATELY INTENSE DEKAMETRIC
CONTINUUM HAS BEEN RECORDED IN CONJUNCTION WITH THE CENTRAL MERIDIAN
PASSAGE OF THE S29W47 REGION. THE EARTHS MAGNETIC FIELD REMAINED
SLIGHTLY DISTURBED THROUGHOUT THE ENTIRE PERIOD.

B. FORECAST FOR THE WEEK MAY 25-31 CMMA 1968 CLN

MAJOR FLARES ARE NOT EXPECTED FROM ANY OF THE VISIBLE REGIONS. NO
SIGNIFICANTLY ACTIVE CENTERS ARE DUE TO RETURN OR DEVELOP ON THE
DISK. FLARES AS LARGE AS IMPORTANCE 1B ARE EXPECTED ABOUT MIDWEEK
FROM ONE OF THE THREE GROUPS NOW AT S29W47 S15W22 AND N21W19.

C. 28 DAY FORECAST FOR MAY 25-JUNE 21 CMMA 1968 CLN

SOLAR ACTIVITY IS EXPECTED TO BE HIGHER THAN NORMAL DURING THE
PERIOD JUNE 19-26.

D. THE DAILY FORECAST FOR MAY 25-27 AND EXPECTED MEAN FORECAST FOR
MAY 28-31 CMMA 1968 CLN

DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS

IMPORTANCE TWO OR GREATER 5-5-15 /10/

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

PROTON EVENTS 1-1-1 /1/

10.7 CM FLUX TODAY 182. PREDICTED 174-168-163 /158/

BT

(176)

M MUUV
PP KGFF
DE BOU 242300Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 906B ISSUED 2300Z MAY 24 1968
ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.
A. BRIGHT SURGES WHICH WERE PROBABLY ASSOCIATED WITH FLARES ON OR
BEYOND THE LIMB PRODUCED MODERATELY STRONG IONOSPHERIC EFFECTS AT
1458 AND 1825Z. BOTH EVENTS WERE AT S28W90 ASSOCIATED WITH A DECAYING
REGION NEAR THAT LOCATION. THE SPOT GROUP NEAR N21W23 HAS INCREASED
IN AREA. ALL OTHER GROUPS ARE STABLE OR DECLINING.
B. MAJOR FLARES ARE POSSIBLE BUT WITH A LOW PROBABILITY FROM THE
N21W23 REGION. ONLY MINOR FLARES ARE EXPECTED FROM THE REMAINING
REGIONS.

FORECASTS FOR MAY 25-27
C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 10-10-10
IMPORTANCE THREE OR GREATER 1-1-1
PROTON EVENTS 1-1-1
D. OTTAWA 10.7 CM FLUX TODAY 182. PREDICTED 174-168-163.
E. MAGNETIC A-FREDERICKSBURG FOR 23 MAY WAS 10. FOR 24 MAY ABOUT 19.
PREDICTED AP FOR 25-27 MAY 12-15/UNDER 10/UNDER 10.
BT