

NNNUUV
PP KGFF
DE BOU 201730Z
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 933A ISSUED 1700Z JUN 20 1968
MAJOR FLARES ARE POSSIBLE BUT NOT EXPECTED DURING THE NEXT
12 HOURS.

A. ADDITIONAL GROWTH HAS OCCURRED IN THE SPOT GROUP NEAR
N13W00 AND IT NOW MEASURES E/ABOUT 1100. THERE IS STILL
EVIDENCE OF A PROBABLE DELTA MAGNETIC SITUATION IN THE
CENTRAL PORTION OF THE SPOT GROUP. THE H-PLAGE THERE HAS
ENLARGED AND REMAINS MODERATELY BRIGHT POSSESSING CONSIDERABLE
STRUCTURE. SEVERAL IMPORTANCE ONE AND SMALLER FLARES HAVE
OCCURRED THERE TODAY CMMA INCLUDING AN IMPORTANCE ONE BRIGHT
AT 1703Z WHICH PRODUCED MODERATE IONOSPHERIC EFFECTS. A NEW
BUT APPARENTLY INACTIVE REGION IS VISIBLE NEAR N13E82
CONTAINING A C/ABOUT 120 SPOT GROUP.

B. CONTINUED SMALL FLARES ARE EXPECTED FROM THE N13W00 REGION
AND MAJOR FLARES ARE POSSIBLE THERE.

FORECASTS FOR JUNE 21-23

C. DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 30/40/40

IMPORTANCE THREE OR GREATER 5/5/5

PROTON EVENTS 5/5/5

D. OTTAWA 10.7 CM FLUX TODAY IS 147. PREDICTED 150/152/152.

BT

NNNNV

NNNNUV
PP KGFF
DE BOU 202245Z
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 933B ISSUED 2300Z JUNE 20 1968
ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.
A. THE SPOT GROUP NEAR N13W00 NOW APPEARS TO BE A SIMPLE
BIPOLAR REGION. ACTIVITY FROM THIS REGION HAS DECLINED OVER
THE PAST FEW HOURS.

SECTION B REMAINS UNCHANGED FROM SDF 933A.

FORECAST FOR JUNE 21-23

C. DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS

IMPORTANCE TWO OR GREATER 30/30/30

IMPORTANCE THREE OR GREATER 5/5/5.

PROTON EVENTS 2/2/2

D. OTTAWA 10.7 CM FLUX TODAY IS 147. PREDICTED 150/152/152.

E. MAGNETIC A-FREDERICKSBURG FOR 19 JUNE WAS 15. FOR 20 JUNE
IT WILL BE ABOUT 08. PREDICTED AP FOR 21-23 JUNE ALL UNDER 10.

BT

NNNN