

NNNUUV

PP KGFF

DE BOU 281705Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO.

SDF NUMBER 941A ISSUED 1700Z JUNE 28 1968

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS

A. HIGHLIGHTS FOR THE PERIOD JUNE 21-28 1968

AN IMPORTANCE TWO FLARE OF NORMAL BRIGHTNESS OCCURRED NEAR S20 E65 JUNE 26 AT 2245UT ASSOCIATED WITH AN ERUPTING PROMINENCE. ONLY A VERY WEAK AND DIFFUSE OLD PLAGUE WITH A TINY SPOT EXISTED AT THAT LOCATION, AND THIS REGION HAS SINCE DECAYED. A LARGE REGION WHICH HAD MAXIMUM SPOT MEASUREMENT OF E/1250 JUNE 21 WHEN AT N14 W13 COMPLETED WEST LIMB PASSAGE JUNE 27 WITHOUT PRODUCING MAJOR FLARE ACTIVITY. IT APPEARED TO BE DECAYING SLOWLY PRIOR TO WEST LIMB PASSAGE. SEVERAL MINOR FLARES HAVE OCCURRED IN ANOTHER REGION WITH A LARGE SPOT GROUP (C/600) NOW LOCATED NEAR N13 W23. THIS REGION HAS BEEN ESSENTIALLY STABLE FOR THE PAST DAY AND THERE IS NO EVIDENCE OF FURTHER GROWTH. A WEAK MAGNETIC DELTA CONFIGURATION WAS INFERRED IN THIS REGION JUNE 26 AND 27.

B. FORECAST FOR THE WEEK 27 JUNE-5 JULY, 1968

FLARES AS LARGE AS IMPORTANCE TWO ARE POSSIBLE FROM THE N13 W23 REGION, BUT ITS PAST FLARE AND GROWTH HISTORIES DO NOT INDICATE SUCH FLARES ARE LIKELY. IMPORTANCE ONE FLARES MAY OCCUR IN THE REGIONS NOW LOCATED NEAR S14 W38, S15 W22, AND N29 W09. NO MAJOR ACTIVE CENTERS ARE EXPECTED TO RETURN TO EAST LIMB DURING THE WEEK.

C. 28 DAY FORECAST FOR 29 JUNE-26 JULY, 1968

SOLAR ACTIVITY IS EXPECTED TO BE HIGHER THAN NORMAL JULY 11-24.

D. THE DAILY FORECAST FOR JUNE 29-JULY01 AND EXPECTED MEAN FORECAST FOR JULY 02-05, 1968

DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS

IMPORTANCE TWO OR GREATER 5-5-5 /2/

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

PROTON EVENTS 1-1-1 /1/

10.7 CM FLUX TODAY 138. PREDICTED 136-135-135 /132/.

BT

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NNNNUV
PP KGFF
DE BOU 282300Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 941B ISSUED 2300Z JUNE 28 1968
ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS
A. THERE HAVE BEEN NO SIGNIFICANT FLARES SINCE SDF 941A. AN
IMPORTANCE TWO SURGE WITH SPRAY OCCURRED ON THE WEST LIMB AT N18
AT 1725Z, BUT THERE WERE NO EFFECTS ASSOCIATED WITH IT.

B. SAME AS SDF 941A.

FORECASTS FOR JUNE 29-JULY 01

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

PROTON EVENTS 1/1/1

D. 10.7 CM FLUX TODAY 138. PREDICTED 133/132/132.

E. MAGNETIC A-FREDERICKSBURG FOR JUNE 27 WAS 14. FOR JUNE 28
ABOUT 06. PREDICTED ALL UNDER 10.

BT