

NNNNIIUV

PP KGFF

DE BOU 101730Z

HFFF IS THE MSG FOR PFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 288A ISSUED 1700Z 10 JUNE 1969

CLASS M FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. SOLAR ACTIVITY HAS DECREASED DURING THE PAST 6 HOURS WITH
ONLY CLASS C SUPERFLARES BEING OBSERVED. THE REGION AT S14W06
HAS ADDED CONSIDERABLE PENUMBRAL AREA IN THE MIDDLE PORTIONS
OF SPOT GROUPS. THIS REGION CONTINUES TO SHOW STRONG FIBRIL
PATTERNS, PLAGE BRIGHTENINGS ALONG THE NEUTRAL LINE AND IS A
VERY HOT 9.1 CM RADIO NOISE SOURCE. ALL THE OTHER REGIONS HAVE
CHANGED LITTLE. A 184 MHZ SOLAR RADIO NOISE STORM IS CURRENTLY
IN PROGRESS. THE DEEP RIVER NEUTRON COUNTING RATES ARE CURRENTLY
DEPRESSED BY 4 PER CENT. THE GEOMAGNETIC FIELD IS ONLY SLIGHTLY
DISTURBED.

B. CLASS M FLARES ARE EXPECTED FROM THE REGIONS AT S14W06 AND
N16E11. CLASS X FLARES ARE POSSIBLE FROM BOTH OF THESE REGIONS,
BUT IT SHOULD BE NOTED THAT BOTH ARE LEADER-DOMINANT SPOT GROUPS
AND IN THE PAST, SUCH GROUPS WERE NOT MAJOR FLARE PRODUCERS.

C. FLARE AND PORTION EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR
PERIODS BEGINNING 10/1700Z ENDING 13/1700Z.

CLASS M OR GREATER 90/90/90

CLASS X 50/50/50

PROTON EVENTS 30/30/30

D. OTTAWA 10.7 CM FLUX TODAY IS 236. PREDICTED 230/225/220

E. KP ESTIMATED FOR 1200-1500Z WAS 2. KP FORECAST FOR NEXT 24
HOURS PER KP 15.3 2/2/2/2/2/2/2/2.

SOLTEPWAPN

BT

NUV

PP KGFF

DE BOU 102300Z

THIS IS THE MESSAGE FOR PEFIL

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 288B ISSUED 0300Z 19 JUNE 1969

CLASS M FLARES ARE EXPECTED DURING THE NEXT 18 HOURS.

A. AN IMPORTANCE 1 IN FLARE WAS OBSERVED AT 10/1854Z AT N12W09. THIS
FLARE PRODUCED ONLY A SMALL, SIMPLE THREE RADIO BURST AND IS A
PROBABLE CLASS C EVENT. THE LARGE REGION AT S14W10 HAS BEEN RELATIVE-
LY INACTIVE THE PAST 6 HOURS. THE PENUMBRA IS ALMOST CONTINUOUS FROM
LEADER TO FOLLOWER IN THIS REGION. THE GEOMAGNETIC FIELD IS MODEPATE-
LY DISTURBED.

SECTIONS B C AND D REMAIN UNCHANGED FROM SDF 288A.

E. MAGNETIC A-FREDERICKSBURG FOR 9 JUNE WAS 13. FOR 10 JUNE ABOUT
15. PREDICTED AP FOR 11-13 JUNE 8/8/15.

BT