

NNNNUUUV
PP KGFF
DE BOU 041730Z
HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 282A ISSUED 1700Z 04 JUNE 1969

CLASS M FLARES ARE EXPECTED IN THE NEXT 6 HOURS

A. THE FIRST PORTION OF THE N18/L070/ REGION NOW APPEARS IN
PROCESS OF ROTATING ONTO THE VISIBLE DISK. SPOTS ARE APPARENT
IN THIS REGION, AND A CLASS M EVENT BEGINNING 04/0638Z WAS
REPORTED FROM THIS REGION. MINOR FLARE ACTIVITY HAS ALSO BEEN
REPORTED FROM THE RETURNING REGION AT S15E77. NEITHER REGION
HAS BEEN VISIBLE LONG ENOUGH FOR CAREFUL EVALUATION. THE
GEOMAGNETIC FIELD IS CURRENTLY RELATIVELY QUIET. HIGH ENERGY
PROTON FLUXES ARE CURRENTLY AT BACKGROUND.

B. CLASS M FLARES ARE EXPECTED FROM THE N18E86 /APPROXIMATE/
REGION. THIS REGION MAY BE A POTENT PRODUCER OF CLASS X ACTIVITY,
BUT FORECAST PROBABILITIES WILL BE LOW UNTIL CAREFUL EVALUATION
IS POSSIBLE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24
HOUR PERIODS BEGINNING 04 JUN/1700Z ENDING 07/1700Z.

CLASS M OR GREATER 80/80/80

CLASS X 10/10/10

PROTON EVENTS 10/10/10

D. OTTAWA 10.7 CM FLUX TODAY IS 158. PREDICTED 160/170/175.

E. N/A.

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

SOLTERWARN

BT

NNNN
DMTHM/MNN

UUV
PP KGFF
DE BOU 042308Z
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 282B ISSUED 2300Z 04 JUNE 1969

CLASS M FLARES ARE EXPECTED IN THE NEXT 18 HOURS

A. BOTH SOUTHEAST AND NORTHEAST REGIONS ARE OF GREAT INTEREST.
THE MAGNETIC NEUTRAL LINE IN THE S16E75 REGION IS CURVED, NOT
KINKED, BUT GROWTH AND PROPER MOTIONS WOULD RESULT IN MAJOR
POTENTIAL. THE REGION AT N07E61 HAS A NEUTRAL LINE WITH RATHER
TIGHT CURVATURE IN TRAILING PORTION, AND THE PLAGE IS CUP-
SHAPED, AS HAS BEEN THE CASE IN A NUMBER OF MAJOR REGIONS.
THE REGION AT N16E88 IS LARGE, APPARENTLY GREATER THAN 600
MILLIONTHS, BUT NO MAGNETIC CLASSIFICATION CAN YET BE JUDGED.
ANOTHER CLASS M EVENT OCCURRED BEGINNING 04/1655Z. NO OPTICAL
EVENT HAS YET BEEN ASSOCIATED WITH THIS X-RAY BURST.

B. CLASS M FLARES ARE EXPECTED FROM N07E61 AND N16E88 REGIONS.
LATTER REGION MAY BE JUDGED AS CLASS X THREAT WHEN FULLY VISIBLE.
PARTS C AND D ARE UNCHANGED FROM SDF 282A.

E. MAGNETIC A-FREDERICKSBURG FOR 03 JUNE WAS 05. FOR 04 JUNE ABOUT
06 PREDICTED AP FOR 5-7 JUNE, 5/5/20.

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BT