

UUV
PP KGFF
DE BOU 261715Z
HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 061A ISSUED 1700Z 26 OCTOBER 1968

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS

A. AN IMPORTANCE ONE FLARE WITH WEAK RADIO AND X-RAY EMISSION
BEGAN AT 0105UT IN THE REGION THEN AT S14E30. THE REGION AT
N16W43 HAS DECLINED IN BOTH SPOTS AND PLAGE. THE PLAGE IN THE
REGION AT S14E23 STILL CONTAINS DARK IMBEDDED FILAMENTS AND
SPOT GROWTH THERE HAS CONTINUED. THE REGION AT S16W14 HAS
REMAINED STABLE. THE REGION AT N16W43 HAS CONTINUED TO DECLINE.

A NEW J TYPE SPOT IS NOW VISIBLE AT N04E85 AND PLAGE BUT NO
SPOTS ARE VISIBLE ON THE EAST LIMB AT BOTH N15 AND S15. THE
SE LIMB REGION APPEARED ON THE DISK JUST BEFORE WEST LIMB
PASSAGE DURING THE LAST SOLAR ROTATION.

B. THE S14E23 REGION MAY PRODUCE 1 TO 3 IMPORTANCE TWO FLARES
IN 12 TO 36 HOURS. THE S16W14 REGION APPEARS UNLIKELY TO
PRODUCE ANY MAJOR FLARES. THE N16W43 REGION COULD PRODUCE A
CHROMOSPHERIC FLARE AS LARGE AS IMPORTANCE TWO BUT NONE IS
EXPECTED. THE SE LIMB REGION IS APPARENTLY STILL DEVELOPING
BUT THE NE REGION WAS ACTIVE LAST TRANSIT AND IS NOT EXPECTED
TO BE THIS TIME. A VELOCITY INCREASE DETECTED BY THE PIONEER
8 SATELLITE IN THE SOLAR WIND IMPLIES A SECTOR CHANGE IN THE
INTERPLANETARY MAGNETIC FIELD THAT SHOULD PRODUCE A MINOR GEO-
MAGNETIC DISTURBANCE.

FORECASTS FOR 27-29 OCTOBER

C. DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 30/50/40
IMPORTANCE THREE OR GREATER 8/15/10
PROTON EVENTS 12/15/10

D. OTTAWA 10.7 CM FLUX TODAY 174. PREDICTED 174-177-180.
SOLTERWARN
BT

NNNNUV
PP KGFF
DE BOU 262300Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 061B ISSUED 2300Z 26 OCTOBER 1968
MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS.
SECTIONS A B C AND D REMAIN UNCHANGED FROM SDF 061A.
E. MAGNETIC A-FREDERICKSBURG FOR OCT 25 WAS 05. FOR OCT 26 ABOUT 03.
PREDICTED AP FOR OCTOBER 27-29 UNDER 10/10-15/10-15.
BT