

ESSA/SPACE DISTURBANCE
FORECAST CENTER

Nov 23 05 00 1967

NNNN UUV
PP KGFF
DE BOU 230500Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 722C ISSUED 0500Z 23 NOVEMBER 1967
MAJOR FLARES ARE POSSIBLE BUT NOT EXPECTED DURING THE NEXT 12 HOURS
BT

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UUV
PP KGFF
DE BOU 231100Z
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 722D ISSUED AT 1100Z NOVEMBER 23, 1997
MAJOR FLARES ARE POSSIBLE BUT NOT EXPECTED DURING THE NEXT 12 HOURS
BT

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NNNNUV
PP KGFF
DE BOU 231700Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 723A ISSUED 23 NOV 1700Z 1967

MAJOR FLARES ARE POSSIBLE BUT NOT EXPECTED DURING THE NEXT 12 HOURS

A. FLARE ACTIVITY HAS BEEN LIMITED TO SUBFLARES SINCE THE IMP
IN REPORTED AT 22/1907Z IN THE REGION NOW LOCATED AT N09 W59.
THIS GROUP HAS CHANGED LITTLE IN BOTH WHITE AND MONOCHROMATIC
LIGHT. THE SPOT GROUP NEAR N19 E16 HAS INCREASED IN COMPLEXITY
AT THE PHOTOSPHERIC LEVEL WHILE IN THE CHROMOSPHERE THE REGION IS
THE BRIGHTEST ON THE DISC. NEAR THE EAST LIMB AN UNIMPRESSIVE
SINGLE SPOT HAS ROTATED ON TO THE DISC AT N11. IN THE SOUTHERN
HEMISPHERE THREE SMALL GROUPS ARE NOW VISIBLE AT APPROXIMATELY S25
E65. NEW GROUPS HAVE APPEARED NEAR N24 W33 AND N09 E34. THE LATTER
REGION HAS SHOWN MINOR PLAGE FLUCTUATIONS.

B. MAJOR FLARE PROBABILITY HAS NOT CHANGED SINCE SDFC NUMBER 722B.
THE GROUTH IN THE LARGE NE CENTER HAS BEEN SOMEWHAT OFFSET BY THE
SLIGHT DECLINE IN THE GROUP NEAR N09 W59. BOTH SPOT GROUPS HOWEVER
ARE CAPABLE OF PRODUCING IMPORTANCE TWO OR GREATER FLARES.

FORECASTS FOR 24-26 NOV 67

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 50/50/50
IMPORTANCE THREE OR GREATER 10/10/10
PROTON EVENTS 10/10/10

D. OTTAWA 10.7 CM FLUX TODAY ESTIMATED 162 PREDICTED 163/160/155
BT

ESSA/SPACE DISTURBANCE
FORECAST CENTER

Nov 23 23 25-67

UVV

PP KGFF

DE BOU 232310Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 723B ISSUED 2300Z 23 NOVEMBER 1967

MAJOR FLARES ARE POSSIBLE BUT NOT EXPECTED DURING THE NEXT 12 HOURS
A. A SINGLE IMPORTANCE ONE NORMAL FLARE AT 1347Z FROM THE REGION
PRESENTLY LOCATED AT N09 W62 REPRESENTS THE ONLY ACTIVITY ABOVE THE
SUBFLARE LEVEL SINCE THE 1700Z MESSAGE. MINOR PLAGE FLUCTUATIONS WERE
NOTED IN THE LARGE FOLLOWING SPOT OF THIS NW REGION AS WELL AS IN
THE VERY SCATTERED CHROMOSPHERIC FACULAE ASSOCIATED WITH THE GROUP
LOCATED AT N18 E18. TEN CM RADIO NOISE EMISSION HAS REMAINED CONSTAN
DURING THE PAST 24 HOURS FROM BOTH THESE NORTHERN HEMISPHERIC CENTER
ON THE OTHER HAND THE REGIONS JUST OVER THE LIMB IN THE SE SHOW A
SUBSTANTIAL RISE IN EMISSION AT THE SAME WAVELENGTH
B. MAJOR FLARES ARE STILL CONSIDERED POSSIBLE FROM THE SPOT GROUPS
NEAR N09 W62 AND N18 E18.

FORECASTS FOR NOVEMBER 24-26

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 45/45/50

IMPORTANCE THREE OR GREATER 7/7/10

PROTON EVENTS 7/7/10

D. OTTAWA 10.7 CM FLUX TODAY 158. PREDICTED 158/155/150.

E. MAGNETIC A-FREDERICKSBURG YESTERDAY 09. TODAY ABOUT 06.
PREDICTED AP UNDER 10/10-15/10-12.

BT

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