

ESSA/SPACE DISTURBANCE
FORECAST CENTER

JAN 1 04 54.68

UUV
PP KGFF
DE BOU 010500Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 761C ISSUED 0500Z JAN 1 1968
MAJOR FLARES ARE POSSIBLE BUT UNLIKELY DURING THE NEXT 12 HOURS
BT

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UUV
PP KGFF
DE BOU 011100Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 761D ISSUED 1100Z JAN 1 1967⁸
MAJOR FLARES ARE POSSIBLE BUT UNLIKELY DURING THE NEXT 12 HOURS.
BT

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NNNNUUUV
PP KGFF
DE BOU 011800Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF 762A ISSUED 1700Z JANUARY 1 1968

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS

A. A FLARE AT ABOUT 0331Z TODAY IN THE REGION NEAR S18 E76 WAS REPORTED BOTH AS IMPORTANCE TWO AND AS A SUBFLARE. IT PRODUCED MODERATELY INTENSE IONOSPHERIC AND RADIO EMISSION EFFECTS. A COMPACT AND BRIGHT H-PLAGE IS VISIBLE AT S18 E76 CONTAINING A SPOT GROUP. INFORMATION IS TOO POOR TO PROPERLY EVALUATE THIS REGION BUT IT APPEARS TO HAVE GROWTH POTENTIAL. GROWTH AND REORGANIZATION HAS OCCURRED IN THE SPOT GROUP NEAR S26 W08 AND THE PLAGE THERE IS ALSO BRIGHT AND COMPACT. NO IMPORTANT CHANGES HAVE BEEN REPORTED IN THE REGIONS NEAR S12 W12 AND S15 W68. A SMALL GEOMAGNETIC DISTURBANCE WHICH BEGAN YESTERDAY IS STILL IN PROGRESS.

B. MAJOR FLARES ARE NOT EXPECTED SOON FROM ANY OF THE VISIBLE REGIONS. THE REGIONS NEAR S26 W08 AND S18 E76 MAY BECOME MAJOR FLARE PRODUCERS IF THEY CONTINUE TO GROW.

FORECAST FOR JANUARY 2-4 1968

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 10/15/15

IMPORTANCE THREE OR GREATER 1/1/1

PROTON EVENTS 1/1/1

D. THE OTTAWA 10.7 CM FLUX TODAY 177. PREDICTED 165/155/145

BT

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ESSA/SPACE DISTURBANCE
FORECAST CENTER

JAN 1 23 54 260

UUV
PP KGFF
DE BOU 012340Z
THIS IS THE MESSAGE FOR REFILE

762B
FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 752B ISSUED 2300Z JAN 1 1968

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

A. AN IMPORTANCE ONE FLARE BEGAN ABOUT 1812Z IN THE CENTRAL PORTION OF THE REGION NEAR S27W12 CMMA PRODUCING SMALL IONOSPHERIC EFFECTS. THE CENTRAL AND TRAILING PORTIONS OF THE S27W12 SPOT GROUP ARE THE LOCATIONS OF THE GREATEST GROWTH OVER THE PAST 24 HOURS AND THE H-PLAGE THERE HAS BEEN BRIGHT AND FLUCTUATING THROUGHOUT THE DAY. THE SPOT GROUP NEAR S18E72 NOW APPEARS TO BE CLASS D WITH AREA NEAR 100. ITS H-PLAGE APPEARS TO BE WHOLLY ON THE DISK. OBSERVATIONS OF PROMINENCE ACTIVITY CMMA CORONAL RAIN AND YELLOW LINE CORONA NEAR S20 EL TODAY INDICATE THAT ANOTHER ACTIVE CENTER MAY BE DUE OVER THE SE LIMB.

B. THE PROBABILITY OF AN IMPORTANCE TWO FLARE FROM THE S27W12 REGION IS INCREASING WITH CONTINUED DEVELOPMENT IN THE REGION. SMALL FLARES ARE EXPECTED FROM THE S18E72 REGION. MAJOR FLARES ARE STILL POSSIBLE BUT NOT EXPECTED FROM THE S15W72 REGION.

FORECASTS FOR JAN 2-4

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 20/25/25

IMPORTANCE THREE OR GREATER 1/1/1

PROTON EVENTS 1/1/1

D. OTTAWA 10.7 CM FLUX TODAY 177. PREDICTED 170/155/145.

E. MAGNETIC A-FREDERICKSBURG YESTERDAY 34. TODAY ABOUT 18.

PREDICTED AP 12-16/8-12/UNDER 10.

BT

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