

ESSA/SPACE DISTURBANCE
FORECAST CENTER

JAN 4 04 55 68

UVV

PP KGFF

DE BOU 040500Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 764C ISSUED 0500Z 04 JANUARY 1968

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS

REVISED PROBABILITIES FOR FLARES AND PROTON EVENTS

IMPORTANCE TWO OR GREATER 55/55/55

IMPORTANCE THREE OR GREATER 10/10/10

PROTON EVENTS 5/7/7

BT

NNNN

UUV
PP KGFF
DE BOU 041100Z
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO.
SDF NUMBER 764D ISSUED AT 1100Z JAN 4 1968
MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS
BT

NNNN

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 765A ISSUED 1700Z JANUARY 4 1968

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS.

A. IMPORTANCE ONE FLARES WERE REPORTED TODAY IN THE REGIONS NOW NEAR S13W50 N20E50 S23E54 AND N15 ELIMB. LITTLE CHANGE HAS OCCURRED IN THE S23E54 SPOT GROUP AND THE PLAGE THERE REMAINS BRIGHT AND COMPACT. THE SPOT GROUPS NEAR S27W45 S19 E32 AND N20E50 HAVE EACH GROWN AND HALPHA FEATURES ALSO SHOW DEVELOPMENT. A SPOT GROUP IS NOW BECOMING VISIBLE NEAR N13E88 WHERE IMPORTANCE ONE FLARES WERE REPORTED AT 1459Z AND 1657Z. THE SPOT GROUP IS TENTATIVELY D/300 BUT LIMB PROXIMITY AND SEEING CONDITIONS MAKE MEASUREMENT VERY UNCERTAIN. SURGES AND A LARGE ERUPTIVE ARCH PROMINENCE WERE OBSERVED NEAR THIS LOCATION TODAY AND THERE IS EVIDENCE THAT MORE OF THE REGION IS YET BEYOND THE LIMB. THE H-PLAGE APPEARS TO BE BRIGHT. LIMB EVIDENCE INDICATES THE PRESENCE OF ANOTHER REGION BEYOND THE EAST LIMB NEAR S20.

B. EACH OF THE REGIONS NEAR S27W45 S23E54 AND N13 EL APPEARS CAPABLE OF PRODUCING MAJOR FLARES. SMALLER FLARES ARE EXPECTED FROM REGIONS NEAR N20E50 AND S19E32.

FORECASTS FOR JANUARY 05-07

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 55/60/60
IMPORTANCE THREE OR GREATER 10/10/10
PROTON EVENTS 5/7/7

D. THE OTTAWA 10.7 CM FLUX TODAY IS 192. PREDICTED 200/205/208.
BT

NNNNVUV
PP KGFF
DE BOU 042315Z
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 765B ISSUED 2300Z JANUARY 04 1968

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS.

A. NO MAJOR FLARE ACTIVITY HAS BEEN REPORTED SINCE SDF 765A.
THE SPOT GROUP NEAR S22E48 IS NOW REPORTED TO BE OF GAMMA
MAGNETIC CLASSIFICATION CONTAINING TWO DELTA CONFIGURATIONS,
AND THE GROUP NEAR N21E47 IS A BETA-GAMMA WITH A POSSIBLE
DELTA CONFIGURATION. THE REGION NEAR EAST LIMB AT N12 HAS
ROTATED MORE INTO VIEW AND THE SPOT GROUP HAS BEEN MEASURED
AS D/250.

B. MAJOR FLARES ARE POSSIBLE FORM THE REGIONS NEAR S26W50
S22E48 N21E45 AND N12ELIMB.

FORECASTS FOR JANUARY 05-07

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 60/65/65

IMPORTANCE THREE OR GREATER 10/10/10

PROTON EVENTS 5/7/7

D. OTTAWA 10.7 CM FLUX TODAY 192. PREDICTED 200/205/208.

E. MAGNETIC A-FREDERICKSBURG YESTERDAY 08. TODAY ABOUT 04.
PREDICTED AP ALL UNDER 10.

BT