

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO,
VIA AGIWARN

ALNHL

SPACE DISTURBANCE FORECAST NUMBER 368A ISSUED 1700Z
DECEMBER 04 1966

A. WEATHER CONDITIONS ARE CAUSING INCOMPLETE FLARE PATROL
COVERAGE TODAY. SUNSPOT OBSERVATION PLUS INDIRECT FLARE
SENSOR DATA INDICATE A CONTINUED LOW LEVEL OF ACTIVITY.
NO FLARE ACTIVITY HAS BEEN REPORTED FOR OVER 24 HOURS. FIVE
SUNSPOT GROUPS ARE VISIBLE TODAY. THE MOST INTERESTING ARE
A STABLE J-TYPE SPOT AT N08 E77 AND A DECLINING J-TYPE WITH
COMPANION SPOTS AT N29 E75. EXTENSIVE SCATTERED PLAGE EXTENDS
BETWEEN THESE TWO REGIONS. A SMALL SPOT AT S20 W56 IS NEW
TODAY. NO MAJOR FLARES ARE EXPECTED.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE
THREE DAY PERIOD DECEMBER 05-07 ARE AS FOLLOWS/ FIGURES
ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 90/90/90

IMPORTANCE TWO OR GREATER 7/7/7

IMPORTANCE THREE OR GREATER 0/0/0

PROTON EVENTS 0/0/0

C. OTTAWA 10.7 CM OBSERVATIONS ARE NOT REPORTED TODAY. SAGAMORE
HILL FLUX AT 1700Z YESTERDAY WAS 99.

PREDICTED VALUES FOR THE THREE DAY PERIOD DECEMBER 05-07 ARE
106/107/107

D. THE FREDERICKSBURG MAGNETIC INFORMATION WILL BE INCLUDED
ON THE 2300 UT FORECAST.

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FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN
SPACE DISTURBANCE FORECAST NUMBER 368B ISSUED 2300Z

DECEMBER 04 1966

A. NO FLARES LARGER THAN SUBFLARE HAVE OCCURRED TODAY. SEVEN
USUNSPOT GROUPS ARE VISIBLE AS OF 2130Z. THE GROUP AT N29 E74
IS NOW SEEN AS A SMALL TYPE C ACCOMPANIED BY BRIGHT FACULAE
AND MODERATE GREEN CORONA. THE LARGE STABLE J TYPE SPOT AT
N07 E75 IS ATTENDED BY A FAINT AND SCATTERED PLAGE AND THE CORONA
ABOVE IT IS LESS BRIGHT THAN IT WAS DURING PREVIOUS DISK
PASSAGES OF THIS REGION. THE OTHER FIVE SPOT GROUPS HAVE AREAS
LESS THAN 10 MILLIONTHS OF THE SOLAR HEMISPHERE. NO IMPORTANT
INCREASE IN ACTIVITY IS EXPECTED FOR THE NEXT THREE DAYS.
THE REGION AT N29E74 MAY PRODUCE CLASS ONE FLARES AT A RATE OF
LESS THAN ONE PER DAY.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE
THREE DAY PERIOD DECEMBER 5-7 -43 - 190092S/FIGURES
ARE PERCENTAGES FOR EACH OF THE THREE DAYS.

IMPORTANCE ONE OR GREATER 90/90/90

IMPORTANCE TWO OR GREATER 10/10/10

IMPORTANCE THREE OR GREATER 1/1/1

PROTON EVENTS 0/0/0 *CM Flux today is*

C. THE OTTAWA 10.7 :. 107/ 595-6 2- 108. THE PREDICTED VALUES
FOR THE THREE DAY PERIOD DECEMBER 5-7 -43 111/113/114.

The Fredrickson Magnetometer
D. 5#3 1435348:(?74& .-&,358: INDEX YESTERDAY WAS 2. TODAY
IIT WILL BE ABOUT 12. THE PREDICTED VALUES FOR THE THREE
DAY PERIOD DECEMBER 5-7 ARE 7/5/5.

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