

NNNN0359

NNNN

KMSC

HAUS BOU 030400Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 585A ISSUED 0400Z 03 APR 1970

ENERGETIC FLARES ARE ANTICIPATED FROM THE N05W29 GROUP DURING
THE NEXT 24 HOUR PERIOD.

A. FREQUENT CLASS C ERUPTIONS HAVE BEEN REPORTED FROM WITHIN
THE BETA-GAMMA REGION AT N05W29. A MODERATE SIZED DELTA CONFIG-
URATION IS IN EVIDENCE THERE--ITS LOCATION BEING IN AN EXTREME
NE PORTION OF THE CENTERS SCATTERED PENUMBRAE. THE N23 SPOT--
2 DEGREES FROM THE WL AT TIME OF MESSAGE-- IS AT FLARE BRIGHTNESS.
NEAR CONTINUOUS SURGES HAVE BEEN OCCURRING JUST SOUTH OF ITS WHITE
LIGHT CONFIGURATION. ON THE EL NEAR S13 THE FOLLOWING PORTION OF
THE H-TYPE REGION THAT APPEARED THERE YESTERDAY MAY BE VISIBLE;
BRIGHT PLAGE IS ROTATING INTO VIEW ABOUT S18. GEOPHYSICALLY CON-
DITIONS ARE QUIET.

B. SAME AS PREVIOUS MESSAGE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24
HOUR PERIODS BEGINNING 03 APR/0400Z ENDING 06 APR/0400Z.

CLASS M OR GREATER 90/80/70

CLASS X 10/10/05

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 02/1700Z AND 2000Z WERE
167 AND 163 RESPECTIVELY.

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NNNN1650

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HAUS BOU 031700Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 585B ISSUED 1700Z 03 APRIL 1970

CLASS M FLARES ARE EXPECTED DURING THE NEXT 11 HOURS.

A. THE SUN HAS BEEN VERY QUIET THE PAST 13 HOURS WITH ONLY
A FEW CLASS C SUBFLARES SCATTERED AMONG THE REGIONS NEAR
N06W48, N05W35, S12E41, AND N28E58. NONE OF THE REGIONS HAVE
SHOWN SIGNIFICANT CHANGE. THE REGION NEAR S13E66 NOW APPEARS
TO BE A LARGE E-AND POSSIBLY F-TYPE GROUP CONSISTING OF SINGLE
LARGE LEADER AND FOLLOWER SPOTS, IT HAS BEEN DORMANT SO FAR.
BRIGHT PLAGE HAS CROSSED THE EAST LIMB NEAR S18. A B-TYPE SPOT
GROUP HAS ROTATED INTO VIEW NEAR SE35. NEUTRON MONITOR COUNTING
RATES ARE BACK TO NORMAL AS OF ABOUT 03/1500Z. ATS-1 INDICATES
THAT PROTON FLUXES NEAR EARTH ARE STILL SLIGHTLY ENHANCED BUT
DECAYING. THE GEOMAGNETIC FIELD IS RELATIVELY QUIET.

B. INFREQUENT CLASS M ACTIVITY (1-2 PER DAY) IS EXPECTED DURING
THE NEXT 3 DAYS. ALTHOUGH ALL REGIONS APPEAR TO BE STABLE AT
PRESENT, THE EMERGENCE OF NEW FIELDS IN THE VICINITY OF THE
N05W35, S12E41, OR S13E66 REGIONS COULD TRIGGER MAJOR ACTIVITY.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24
HOUR PERIODS BEGINNING 03/1700Z ENDING 06/1700Z.

CLASS M OR GREATER 70/80/80

CLASS X 10/15/15

PROTON EVENTS 10/10/10

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 167. PREDICTED 173/178/180.

E. MAGNETIC A-FREDERICKSBURG FOR 02 APRIL WAS 05. FOR 03 APR
ABOUT 12 PREDICTED AP FOR 04-06 APR, 10/10/10.

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