

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 CONFIGURATION 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 CONDITIONS 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.

SOLTERWARN

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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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