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DE BOU 101720Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 893A ISSUED 1700Z MAY 10 1968

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. HIGHLIGHTS FOR THE WEEK MAY 2-10 CMMA 1968 CLN

THE LEVEL OF SOLAR ACTIVITY INCREASED DURING THE ABOVE PERIOD CMMA HOWEVER NO MAJOR FLARES WERE OBSERVED. THE MOST SIGNIFICANT ACTIVITY ORIGINATED WITHIN TWO INTERMEDIATE-SIZED REGIONS CMMA ONE OF WHICH IS NOW CENTERED NEAR N20W35. IMPORTANCE 1B FLARES OCCURRED IN THIS SPOT GROUP AT 03/2122Z AND 05/0550Z. BOTH OF THESE OPTICAL EVENTS PRODUCED MODERATE CENTIMETER AND X-RAY WAVELENGTH BURSTS. THE SECOND REGION OF INTEREST N16 DURING THIS PERIOD PASSED OVER THE WEST LIMB ON MAY 7. LIMB OBSERVATIONS INDICATED THAT BRIGHT SURGES ASSOCIATED WITH THIS CENTER GENERATED THE MODERATE 10CM BURST RECORDED AT 08/1415Z. A MINOR MAGNETIC STORM BEGAN ABOUT 07/0030Z AND CONTINUED FOR APPROXIMATELY 24 HOURS.

B. HFORECAST FOR THE WEEK MAY 11-17 CMMA 1968 CLN

A DECLINE IN ACTIVITY IS EXPECTED DURING THE COMING WEEK. NO MAJOR CENTERS OF ACTIVITY ARE EXPECTED TO RETURN TO THE DISK. ONLY OCCASIONAL IMPORTANCE ONE EVENTS ARE EXPECTED FROM ANY OF THE REGIONS CURRENTLY VISIBLE.

C. 28 DAY FORECAST FOR MAY 11-JUNE 7 CMMA 1968 CLN

SOLAR ACTIVITY IS EXPECTED TO BE HIGHER THAN NORMAL DURING THE PERIOD MAY 26-31.

D. HTHE DAILY FORECAST FOR MAY 11-13 AND EXPECTED MEAN FORECAST FOR MAY 14-17 CMMA 1968

DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS

IMPORTANCE TWO OR GREATER 3-3-3 /3/

IMPORTANCE THREE OR GREATER 1-1-1 /1/

PROTON EVENTS 1-1-1 /1/

10.7 CM FLUX TODAY 137. PREDICTED 136-131-128 /125/

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DE BOU 102300Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 893B ISSUED 2300Z MAY 10 1968

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. AN IMPORTANCE ONE FLARE ACCOMPANIED BY MINOR RADIO EMISSION WAS REPORTED AT 0842Z AT N17W62. THE SPOT GROUP IN THIS REGION IS SMALL AND DECLINING BUT THE PLAGE REMAINS LARGE AND MOD BRT. THE SPOT GROUPS AT N17W20 AND N16W11 ARE GROWING AND THE ASSOCIATED PLAGE AREA IS COMPACT AND BRIGHT. NO SIGNIFICANT CHANGES HAVE OCCURRED IN ANY OF THE OTHER VISIBLE REGIONS.

B. OCCASIONAL IMPORTANCE ONE FLARES APPEAR POSSIBLE FROM THE CLOSELY ASSOCIATED REGIONS AT N17W20 AND N16W11.

SECTIONS C AND D REMAIN UNCHANGED FROM SDF 893A.

E. MAGNETIC A-FREDERICKSBURG FOR MAY 9 WAS 21. FOR MAY 10 ABOUT 9. PREDICTED AP FOR MAY 11-13 10-15/UNDER 10/UNDER 10.

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