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VKMSC PP KGFF
DE BOU 201700Z

HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 328A ISSUED 1700Z 20 JULY 1969

ONLY CLASS C ACTIVITY IS EXPECTED DURING THE NEXT 12 HOURS.

A. SOLAR ACTIVITY REMAINS AT A VERY LOW LEVEL. ONLY SPORADIC SUBFLARES HAVE BEEN REPORTED DURING THE PAST 18 HOURS. THE REGION NEAR N13E37 SHOWS NO CHANGE AND SUBFLARE ACTIVITY IN THIS REGION HAS DECREASED. REGIONS NEAR N07W58, N12W56, AND N27W31 ARE STABLE OR DECLINING. A NEW REGION HAS DEVELOPED RAPIDLY NEAR S15W20 AND IT NOW HAS A C-TYPE SPOT GROUP WITH A COMPACT PLAGE AND ACTIVE EMBEDDED FILAMENT. A POSSIBLE NEW REGION IS DEVELOPING NEAR N16E28 AND FAINT PLAGE IS ROTATING ONTO THE DISK NEAR NE15. THE GEOMAGNETIC FIELD HAS BEEN VERY QUIET.

B. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A LOW LEVEL FOR THE NEXT 72 HOURS. SMALL BUT POSSIBLY ENERGETIC FLARES ARE POSSIBLE, BUT NO MAJOR ACTIVITY IS EXPECTED.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 20/1700Z ENDING 23/1700Z.

CLASS M OR GREATER 40/50/50

CLASS X 05/05/10

PROTON EVENTS 05/05/10

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 112. PREDICTED 110/112/114.

F. KP ESTIMATED FOR 1200-1500Z WAS 1. KP FORECAST FOR NEXT 24 HOURS PER KP 15.3 1/1/1/1/1/1/1/1.

SOLTERWARN

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NNNN
VKMSC PP KSMC
DE BOU 202312Z

SPECIAL FORECAST FOR SRG CONSOLE MCC NASA
FM SDFC BOULDER COLO

ONLY MINOR ACTIVITY HAS BEEN REPORTED DURING THE PAST 8 HOURS. NO SIGNIFICANT CHANGES HAVE BEEN REPORTED IN THE REGIONS ON THE DISK. THE REGION NEAR N13E37 REMAINS MAGNETICALLY BETA-GAMMA BUT HAS BEEN RELATIVELY INACTIVE THE PAST 8 HOURS. SURGE AND SUBFLARE ACTIVITY NEAR SE10-20 INDICATES THAT RETURNING REGIONS HERE MAY BE MORE ACTIVE THAN THOSE CURRENTLY ON THE DISK. THESE REGIONS APPEARED TO BE DECAYING AT WEST LIMB PASSAGE. SMALL BUT ENERGETIC FLARES ARE POSSIBLE DURING THE NEXT 24 HOURS, BUT MAJOR ACTIVITY IS NOT EXPECTED. AS OF 20/1720Z ALL PARTICLE DETECTORS ABOARD VELA SATELLITES WERE READING AT BACKGROUND LEVELS.

BT

*Touchdown &
moon walk
Forecast*

NNNN
VKMSC NNNN
VKMSC PP KGFF
DE BOU 202315Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 328B ISSUED 2300Z 20 JULY 1969

ONLY CLASS C FLARES ARE EXPECTED DURING THE NEXT 18 HOURS.

A. ONLY MINOR ACTIVITY HAS BEEN REPORTED DURING THE PAST 6 HOURS. SURGE AND SUBFLARE ACTIVITY NEAR SE10-20 INDICATE THAT REGIONS EXPECTED TO RETURN AT THIS LOCATION MAY BE MORE ACTIVE THAN REGIONS NOW ON THE DISK. WEATHER HAS SEVERELY RESTRICTED OBSERVATIONS THE PAST 6 HOURS. THE GEOMAGNETIC FIELD REMAINS QUIET.

SECTIONS B AND C REMAIN UNCHANGED FROM SDF 328A.

D. OTTAWA 10.7 CM FLUX AT 1700Z TODAY WAS 112.

E. MAGNETIC A-FREDERICKSBURG FOR 19 JULY WAS 03. FOR 20 JULY ABOUT 05. PREDICTED AP FOR 21-23 JULY ALL UNDER 10.

BT