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HOUS 2 BOU 270200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED

AT 270200 SEPT 1973

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM RAMEY TAKEN AT 1124Z.

LOCATIONS VALID AT 27/0000Z.

NMBR	LOCATION	LO	AREA	Z	LL	NN	MAG	TYPE
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0231	N05W35	284	////	/	//	//	BETA	
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0234	N06W10	259	0140	H	02	02	ALPHA	
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0236	N15W04	253	0450	D	08	26	BETA-GAMMA	
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0241	N23E51	198	0050	H	02	01	ALPHA	
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0243	N10W06	255	0010	A	02	05	ALPHA	
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0245	S13E59	190	0020	H	02	01	ALPHA	
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0247	S14E78	171	////	C	//	//	////	
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0248	N12E83	166	////	H	//	//	////	
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NOTE: MAGNETIC CLASSES INFERRED AT RAMEY. REGIONS 0247 AND 0248 FROM CANARIES EVENING REPORT.

IA. H-ALPHA PLAGES WITHOUT SPOTS. LOCATIONS VALID AT 27/0000Z.

NMBR	LOCATION	LO
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0228	S15W81	330
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0240	S15W09	258
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0227	N14W76	326
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II. NONE

III. AREAS OF SPECIAL INTEREST:

REGIONS 236 AND 247.

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HFUS 1 BOU 270600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 270A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 27 SEPTEMBER 1973

IA. SOLAR ACTIVITY IS PRESENTLY VERY LOW, WITH ONLY INFREQUENT NON-ENERGETIC SUB-FLARES REPORTED. DISK REGIONS SHOW ONLY MINOR FLUX-uations OR STRUCTURAL CHANGES.

IB. ACTIVITY IS EXPECTED TO BE LIMITED TO OCCASIONAL SUBFLARES. THE LARGER REGIONS PRESENT HOLD SOME POTENTIAL FOR MODERATELY ENERGETIC FLARES, BUT SUCH ACTIVITY IS NOT PROBABLE.

II. THE GEOMAGNETIC FIELD HAS BEEN VERY QUIET OVER THE PAST SEVERAL HOURS, AND THE MINOR MAGSTORM OF THE PAST COUPLE OF DAYS SEEMS TO BE OVER. HOWEVER, RECCURANCE SUGGESTS THAT THE DISTURBANCE WILL PERSIST AT ACTIVE LEVELS TODAY AND GRADUALLY DECLINE TO UNSETTLED BY THE END OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 27 SEP - 29 SEP

CLASS M 45/45/45

CLASS X 03/03/03

PROTON 01/01/01

PCAF GREEN

IV. NO CHANGE

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 25 SEP 19

ESTIMATED 26 SEP 24

PREDICTED 27-29 SEP 18/16/14

SOLTERWARN

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HFUS 1 BOU 271300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 270B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 27 SEPTEMBER 1973

IA. SOLAR ACTIVITY REMAINS VERY LOW, WITH ONLY THREE SUBFLARES REPORTED TODAY. NONE OF THESE EVENTS WAS ACCOMPANIED BY ANY X-RAYS. ONLY VERY MINOR CHANGES HAVE BEEN NOTED IN THE REGIONS ON THE VISIBLE DISK, AND THE LIMBS HAVE BEEN QUIET.

IB. ENERGETIC EVENTS ARE NOT VERY PROBABLE, AS ACTIVITY SHOULD CONSIST OF INFREQUENT SUBFLARES.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET SO FAR THIS DAY, AS THE MAGNETIC DISTURBANCE HAS ENDED ABRUPTLY. EXPECT THE GEOMAGNETIC FIELD TO REMAIN AT THIS SAME LEVEL THROUGHOUT THE FORECAST PERIOD.

III. EVENT PROBABILITIES 27 SEP - 29 SEP

CLASS M 45/45/45

CLASS X 03/03/03

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 26 SEP 115

PREDICTED 27 SEP - 29 SEP 118/121/124

90-DAY MEAN 26 SEP 90

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 25 SEP 19

ESTIMATED 26 SEP 24

PREDICTED 27 SEP - 29 SEP 06/05/05

SOLTERWARN

SPAN

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NNNN

KBOU

HFUS BOU 272200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 270

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 27 SEPTEMBER 1973.

IA. SOLAR ACTIVITY HAS BEEN LOW. THE ONLY ACTIVITY HAS BEEN SUB-
FLARES FROM AT LEAST FOUR OF THE SEVEN TO NINE REGIONS WITH VISIBLE
SPOTS. ALL REGIONS HAVE SIMPLE STRUCTURES AND NONE APPEAR TO BE
DEVELOPING, INCLUDING REGION 236 (N14W17), WHERE GROWTH HAS
APPARENTLY ENDED.

IB. ACTIVITY IS EXPECTED TO REMAIN LOW WITH FREQUENT CLASS C
FLARES, BUT WITH A CHANCE OF CLASS M ACTIVITY FROM REGION 236
AS DECAY BEGINS AND THEN ACCELERATES.

II. THE GEOMAGNETIC FIELD HAS BEEN SLIGHTLY UNSETTLED. IT IS
EXPECTED TO BE UNSETTLED ON 28 SEPT AND QUIET THE REMAINDER OF
THE FORECAST PERIOD.

III. EVENT PROBABILITIES 28 SEP - 30 SEP.

CLASS M 45/45/45

CLASS X 03/03/03

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 27 SEP 115

PREDICTED 28 SEP - 30 SEP 116/117/115

90-DAY MEAN 27 SEP 090

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 26 SEP 18

ESTIMATED 27 SEP 06

PREDICTED 28 SEP - 30 SEP 08/06/05

SOLTERWARN

SPAN

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