

8 7665. u55-111

PRINCIPAL MAGNETIC STORMS

(Advance knowledge of the character of the records at some observatories as regards disturbances)

Observatory (Observer- in-Charge)	Green- wich date	Storm-time		Sudden commencement			C- figure, degree of ac- tivity ⁴	Maximal activity on K-scale 0 to 9			Ranges			
		GMT of begin.	GMT of ending ¹	Type ²	Amplitudes ³			Gr. day	Gr. 3-hr. period	K-index	D	H	Z	
					D	H								Z
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Irkutsk	1935	b m	s b		'	γ	γ							
	8/I	14 12	10 22		0.9	20	2	ms	8	7	6			
									9	4.5	6			
									10	4	6	27	132	40
	27/I	17 00	29 09		ms	28	1,4-7	6	32	193	84

¹ Approximate time of ending of storm is to be construed as the time of cessation of reasonably marked disturbance movements in the traces; more specifically, when the K-index measure diminishes to 2 or less for a reasonable period.

² s.c. = sudden commencement; s.c.* = small initial impulse followed by main impulse; ... = gradual commencement.

³ Signs of amplitudes of D and Z to be taken algebraically; D reckoned positive if towards the East and Z reckoned positive if vertically downwards.

⁴ Describe storm by three degrees of activity: m for moderate (when K-index as great as 5); ms for moderately severe (when K = 6 or 7); s for severe (when K = 8 or 9).

Зак. № 493 от 29/IV-1967 г.
Тир. 200 экз. Ротапринтная ДНТИ Вост.-Сиб.к.д.