

SOLAR RADIATION AND WIND REGIME DURING APRIL, 2012

STATION	BRIGHT SUNSHINE DURATION		SOLAR RADIATION MJ/M ² /DAY	WIND	
	TOTAL (Hrs)	RELATIVE		MEAN SPEED (Km/HR)	PREVAILING DIRECTION
PESHAWAR	174.5 (231.3)	0.45 (0.59)	16.30 (18.76)	3.4 (5.4)	NW (VAR)
D.I. KHAN	268.7 (259.2)	0.69 (0.67)	19.39 (19.01)	3.8 (4.9)	NE (E)
KAMRA	--- ---	--- ---	--- ---	11.1 ---	NE ---
RAWALPINDI	211.7 (252.4)	0.54 (0.64)	17.97 (19.67)	2.3 (5.7)	W (NW)
JHELUM	236.4 (256.8)	0.61 (0.66)	17.76 (18.70)	4.6 (3.7)	SW (VAR)
SARGODHA	245.0 (272.7)	0.63 (0.70)	18.28 (19.50)	3.7 (6.3)	NE (VAR)
LAHORE	264.4 (276.6)	0.68 (0.71)	19.21 (19.73)	3.8 (4.1)	NW (NW)
FAISALABAD	247.7 (271.6)	0.64 (0.70)	18.50 (19.58)	4.8 (3.6)	SE (N-NE)
MULTAN	258.2 (273.3)	0.67 (0.71)	19.16 (19.91)	5.2 (6.0)	N (VAR)
KHAN PUR	281.0 (287.1)	0.73 (0.75)	20.37 (20.74)	6.7 (4.8)	NE (VAR)
QUETTA	244.6 (272.5)	0.63 (0.70)	19.75 (20.92)	5.8 (10.9)	S (W)
ROHRI	287.0 (276.7)	0.75 (0.72)	20.73 (20.25)	6.4 (6.4)	NE (VAR)
TANDOJAM	298.0 (290.4)	0.77 (0.76)	21.14 (20.99)	4.1 (8.3)	SW (SW)
GILGIT	121.6 (202.3)	0.31 (0.51)	13.73 (17.07)	6.9 (3.2)	E (VAR)
SKARDU	179.0 (203.4)	0.46 (0.52)	16.15 (17.14)	4.8 (6.2)	NW (S)

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Total bright sunshine hours and solar radiation intensity remained normal to below normal except in agricultural plains of lower KP and Sindh, where it remained above normal. Mean wind speed throughout agricultural plains of the country reached up to 11 km/h with North to North-West trend.