

**SOLAR RADIATION AND WIND REGIME DURING MAY, 2012**

STATION	BRIGHT SUNSHINE DURATION		SOLAR RADIATION MJ/M <sup>2</sup> /DAY	WIND	
	TOTAL (Hrs)	RELATIVE		MEAN SPEED (Km/HR)	PREVAILING DIRECTION
PESHAWAR	240.5 (297.1)	0.56 (0.69)	20.30 (22.82)	1.9 (7.2)	NW (VAR)
D.I. KHAN	336.7 (290.1)	0.79 (0.68)	23.17 (21.08)	3.5 (5.1)	NE (E)
KAMRA	--- ---	--- ---	--- ---	11.1 ---	NE ---
RAWALPINDI	273.5 (311.9)	0.64 (0.72)	21.78 (23.39)	2.8 (7.5)	W (W)
JHELUM	287.1 (312.7)	0.67 (0.73)	20.87 (22.03)	5.1 (4.0)	VAR (VAR)
SARGODHA	285.1 (312.0)	0.67 (0.73)	20.85 (22.03)	3.7 (6.5)	NE (VAR)
LAHORE	316.0 (308.3)	0.74 (0.73)	22.27 (22.03)	3.8 (3.4)	NW (W)
FAISALABAD	297.1 (293.0)	0.70 (0.69)	21.43 (21.27)	5.3 (4.6)	VAR (SE)
MULTAN	268.7 (293.5)	0.64 (0.69)	20.25 (21.27)	4.7 (6.2)	S (S)
KHAN PUR	294.4 (310.4)	0.70 (0.74)	21.51 (22.22)	7.8 (6.0)	SW (SW)
QUETTA	304.3 (334.2)	0.72 (0.79)	23.13 (24.41)	5.9 (12.3)	NW (NW)
ROHRI	331.0 (308.7)	0.79 (0.74)	23.20 (22.22)	5.0 (6.2)	SW (W)
TANDOJAM	333.8 (310.0)	0.81 (0.75)	23.40 (22.41)	6.8 (12.5)	SW (SW)
GILGIT	183.8 (243.4)	0.41 (0.56)	18.68 (19.90)	6.6 (3.3)	W (SE)
SKARDU	199.6 (246.6)	0.44 (0.57)	19.43 (20.04)	7.1 (7.3)	NW (S)

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Total bright sunshine hours and solar radiation intensity remained normal to below normal except in agricultural plains of Sindh, Lahore in central Punjab and D.I Khan in lower KPK, 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.