

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

STATION	BRIGHT SUNSHINE DURATION		SOLAR RADIATION MJ/M <sup>2</sup> /DAY	WIND	
	TOTAL (Hrs)	RELATIVE		MEAN SPEED (Km/Hr)	PREVAILING DIRECTION
PESHAWAR	184.1 (263.2)	0.44 (0.63)	17.33 (20.83)	2.1 (7.4)	NNE (N-NE)
D.I. KHAN	272.3 (261.1)	0.66 (0.63)	21.54 (20.97)	3.7 (6.0)	SE (E)
KAMRA	--- ---	--- ---	--- ---	--- ---	NE ---
RAWALPINDI	289.1 (250.7)	0.69 (0.60)	22.06 (20.30)	2.7 (3.3)	W (S)
JHELUM	203.0 (243.6)	0.49 (0.59)	18.28 (20.16)	3.0 (2.7)	SE (SE)
SARGODHA	219.9 (274.4)	0.53 (0.66)	19.13 (21.52)	3.9 (6.4)	VAR (E)
LAHORE	177.1 (234.9)	0.43 (0.57)	17.23 (19.86)	3.0 (3.0)	SE (E)
FAISALABAD	203.3 (257.2)	0.49 (0.63)	18.44 (21.00)	5.8 (4.0)	SE (SE)
MULTAN	235.3 (277.6)	0.57 (0.68)	20.03 (22.02)	5.9 (6.5)	S (S)
KHAN PUR	258.9 (293.8)	0.64 (0.72)	21.19 (22.79)	3.5 (5.3)	SW (VAR)
QUETTA	280.9 (312.5)	0.69 (0.76)	22.64 (24.09)	5.6 (9.1)	S (W)
ROHRI	292.0 (269.5)	0.72 (0.66)	22.76 (21.66)	5.1 (5.9)	NE (VAR)
TANDOJAM	246.9 (247.4)	0.61 (0.61)	20.79 (20.75)	7.7 (12.9)	SW (SW)
GILGIT	211.2 (243.6)	0.50 (0.58)	18.62 (20.10)	5.6 (2.0)	W (VAR)
SKARDU	157.5 (226.6)	0.38 (0.54)	16.17 (19.32)	4.1 (3.3)	SE (S)

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Total bright sunshine hours and solar radiation intensity remained below normal in most of the agricultural plains of the country. This is mainly due to rainy/cloudy atmosphere in this month. Mean wind speed throughout agricultural plains of the country ranged between 2 to 8 km/h with North-east to North-west and South trend. Maximum wind speed was observed 8.0 km/h in Tandojam.