

SOLAR RADIATION AND WIND REGIME DURING SEPTEMBER, 2012

STATION	BRIGHT SUNSHINE DURATION		SOLAR RADIATION MJ/M ² /DAY	WIND	
	TOTAL (Hrs)	RELATIVE		MEAN SPEED (Km/Hr)	PREVAILING DIRECTION
PESHAWAR	184.5 (257.3)	0.50 (0.69)	16.48 (19.60)	1.3 (5.7)	NNE (NE)
D.I. KHAN	234.8 (271.1)	0.64 (0.73)	18.40 (19.93)	2.9 (3.9)	NE (E)
KAMRA	--- ---	--- ---	--- ---	6.7 ---	NE ---
RAWALPINDI	189.9 (262.2)	0.51 (0.71)	16.75 (19.97)	1.8 (3.1)	W (VAR)
JHELUM	205.8 (257.0)	0.55 (0.71)	16.92 (19.45)	1.8 (2.3)	VAR (VAR)
SARGODHA	201.2 (269.7)	0.54 (0.73)	16.82 (19.90)	2.6 (4.7)	NE (SE)
LAHORE	218.9 (265.6)	0.59 (0.71)	17.72 (19.68)	2.4 (2.5)	NW (VAR)
FAISALABAD	219.0 (269.8)	0.59 (0.73)	17.70 (20.02)	4.0 (2.5)	SW (SE)
MULTAN	182.7 (277.6)	0.49 (0.75)	16.33 (20.63)	5.3 (5.9)	S (S)
KHAN PUR	258.0 (289.7)	0.72 (0.78)	20.35 (21.38)	3.3 (4.3)	SW (VAR)
QUETTA	173.2 (294.4)	0.47 (0.79)	16.86 (22.47)	5.6 (7.8)	NW (NW)
ROHRI	254.0 (294.2)	0.68 (0.79)	19.88 (21.70)	3.6 (6.8)	NE (VAR)
TANDOJAM	148.9 (283.8)	0.40 (0.77)	15.34 (21.71)	4.3 (10.3)	SW (SW)
GILGIT	164.9 (231.1)	0.43 (0.62)	15.01 (18.02)	3.2 (1.7)	E (VAR)
SKARDU	131.6 (211.7)	0.34 (0.57)	13.63 (17.40)	3.9 (2.0)	NW (SSW)

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Total bright sunshine hours and solar radiation intensity remained below normal in 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 1 to 7km/h with North-east to North-west and South trend. Maximum wind speed was rounded to 7 km/h observed in Kamra in Potohar region.