

SOLAR RADIATION AND WIND REGIME DURING JULY, 2012

STATION	BRIGHT SUNSHINE DURATION		SOLAR RADIATION MJ/M ² /DAY	WIND	
	TOTAL (Hrs)	RELATIVE		MEAN SPEED (Km/Hr)	PREVAILING DIRECTION
PESHAWAR	266.7 (273.8)	0.61 (0.62)	20.18 (20.49)	2.5 (8.3)	NW (N-NE)
D.I. KHAN	306.5 (241.3)	0.70 (0.55)	21.29 (18.28)	4.6 (6.3)	E (E)
KAMRA	--- ---	--- ---	--- ---	12.8 ---	NE ---
RAWALPINDI	280.2 (264.4)	0.64 (0.60)	20.77 (20.09)	2.8 (5.4)	W (S)
JHELUM	259.2 (247.0)	0.59 (0.56)	19.03 (18.47)	4.9 (3.5)	SW (SE)
SARGODHA	258.1 (255.3)	0.59 (0.59)	19.04 (18.91)	3.7 (7.5)	E (E)
LAHORE	272.6 (227.5)	0.63 (0.52)	19.74 (17.65)	4.5 (3.8)	SE (E)
FAISALABAD	266.9 (247.3)	0.61 (0.57)	19.49 (18.58)	5.9 (6.0)	SE (SE)
MULTAN	285.3 (265.0)	0.66 (0.61)	20.44 (19.49)	7.0 (7.8)	S (S-SE)
KHAN PUR	298.8 (274.9)	0.70 (0.64)	21.06 (19.94)	4.0 (6.8)	SW (VAR)
QUETTA	320.7 (313.5)	0.74 (0.73)	24.06 (23.73)	5.9 (9.9)	NW (VAR)
ROHRI	327.0 (248.4)	0.77 (0.58)	22.47 (18.77)	6.3 (6.3)	S (S)
TANDOJAM	246.9 (231.8)	0.59 (0.55)	18.74 (18.02)	7.7 (12.5)	SW (SW)
GILGIT	250.2 (261.9)	0.56 (0.59)	21.50 (22.12)	4.8 (2.4)	E (E)
SKARDU	210.9 (238.9)	0.48 (0.54)	19.66 (21.04)	6.8 (3.3)	VAR (S)

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Total bright sunshine hours and solar radiation intensity remained above normal in most of the agricultural plains of the country except agricultural plains of upper KP and GB region where these values remained below normal. Mean wind speed throughout agricultural plains of the country ranged between 3 to 13 km/h with Northeast and South to Southwest trend.