



**Irradiación global media en la República Mexicana**  
Datos en kWh/m<sup>2</sup>-día

Estado	Ciudad	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEMBRE	OCTUBRE	NOVIEMBRE	DICIEMBRE	Min	Max	Med
Aguascalientes	Aguascalientes	4.5	5.2	5.9	6.6	7.2	6.3	6.1	5.9	5.7	5.1	4.8	4	4	7.2	5.6
Baja California	La Paz	4.4	5.5	6	6.6	6.5	6.6	6.3	6.2	5.9	5.8	4.9	4.2	4.2	6.6	5.7
Baja California	Mexicali	4.1	4.4	5	5.6	6.6	7.3	7	6.1	6.1	5.5	4.5	3.9	3.9	7.3	5.5
Baja California	San Javier	4.2	4.6	5.3	6.2	6.5	7.1	6.4	6.3	6.4	5.1	4.7	3.7	3.7	7.1	5.5
Campeche	Campeche	4	4.1	5.5	5.8	5.5	4.9	4.9	5.1	4.7	4.4	4.2	3.7	3.7	5.8	4.7
Chiapas	Arriaga	5.1	5.4	5.5	5.9	5.6	5.2	5.9	5.5	5.1	5.3	5.1	4.7	4.7	5.9	5.4
Chiapas	Comitán	4.1	4.4	4.8	4.9	5.1	4.8	5.5	5.5	4.8	4	4	3.7	3.7	5.5	4.6
Chiapas	San Cristóbal	4	4.3	4.5	4.5	4.8	4.7	5.4	5.3	4.6	4.2	3.9	3.7	3.7	5.4	4.5
Chiapas	Tapachula	5.4	4.9	4.8	4.6	4.7	4.7	5.2	5.1	4.6	4.1	4.3	4.1	4.1	5.4	4.7
Chiapas	Tuxtla Gutiérrez	3.8	4.4	4.6	4.8	5.3	5.1	5.4	5.3	4.9	4.4	4.1	3.7	3.7	5.4	4.7
Chihuahua	Cd. Juárez	3.1	3.9	5.2	6.4	6.9	7	6.4	5.6	5	4.2	3.5	2.9	2.9	7	5
Chihuahua	Chihuahua	4.1	4.9	6	7.4	8.2	8.1	6.8	6.2	5.7	5.2	4.6	3.8	3.8	8.2	5.9
Coahuila	Piedras Negras	3.1	3.6	4.2	4.5	4.8	6	6.7	6.3	4.9	4.1	3.3	2.9	2.9	6.7	4.5
Coahuila	Saltillo	3.8	4.2	4.8	5.1	5.6	5.9	5.9	5.6	5.2	4.4	3.6	3.3	3.3	5.9	4.8
Colima	Colima	4.4	5.1	5.3	5.8	6	5.2	4.9	5	4.6	4.4	4.4	3.9	3.9	6	4.9
D.F.	Tacubaya México, D.F.	4.4	5.2	5.8	5.8	5.7	5.1	4.9	4.9	4.7	4.4	4.2	3.8	3.8	5.8	4.9
Durango	Durango	4.4	5.4	6.5	7	7.5	6.8	6	5.6	5.7	5.1	4.8	3.9	3.9	7.5	5.7
Guanajuato	Guanajuato	4.4	5.1	6.1	6.3	6.6	6	6	5.9	5.8	5.2	4.8	4.6	4.4	6.6	5.6
Guerrero	Acapulco	4.8	5.3	6.1	5.9	5.6	5.1	5.3	5.4	4.9	5.2	5	4.7	4.7	6.1	5.3
Guerrero	Cd. Altamirano	4.8	5.5	6.4	6.7	6.6	5.7	5.9	5.8	5.2	5.3	5	4.1	4.1	6.7	5.6
Guerrero	Chilpancingo	4.1	4.5	4.9	5.2	5.2	5.2	5.1	5.1	4.7	4.4	4.1	3.8	3.8	5.2	4.7
Hidalgo	Pachuca	4.6	5.1	5.6	6.8	6	5.7	5.9	5.8	5.3	4.9	4.6	4.2	4.2	6.8	5.4
Jalisco	Colotlán	4.6	5.7	6.5	7.5	8.2	6.6	5.8	5.6	5.8	5.3	4.9	4.1	4.1	8.2	5.9
Jalisco	Guadalajara	4.6	5.5	6.3	7.4	7.7	5.9	5.3	5.3	5.2	4.9	4.8	4	4	7.7	5.6
Jalisco	Lagos de Moreno	4.5	5.3	6.1	6.7	7.2	6.1	5.8	5.6	5.5	5	4.7	4	4	7.2	5.5
México	Chapingo	4.5	5.1	5.6	5.8	5.9	5.4	5.2	5.2	5	4.7	4.6	3.9	3.9	5.9	5.1
México	Toluca	4.4	4.9	5.3	5.4	5.2	5.2	4.9	4.9	4.6	4.4	4.2	3.9	3.9	5.4	4.8
Michoacán	Morelia	4.2	4.9	5.5	5.8	5.9	5.2	5	5.1	4.9	4.6	4.3	3.7	3.7	5.9	4.9
Morelos	Cuautla	3.2	3.9	4.7	5.5	5.7	5.4	5.4	5.3	4.6	4.4	3.7	3.1	3.1	5.7	4.6
Nayarit	Tepic	3.9	4.3	4.8	5.5	6.1	5.3	4.9	5.3	4.4	4.4	4	4.8	3.9	6.1	4.8
Nuevo León	Monterrey	3.2	3.6	4.1	4.3	4.8	5.5	6.1	5.6	5	3.8	3.3	3	3	6.1	4.4
Oaxaca	Oaxaca	4.9	5.7	5.8	5.5	6	5.4	5.9	5.6	5	4.9	4.8	4.4	4.4	6	5.3
Oaxaca	Salina Cruz	5.4	6.3	6.6	6.4	6.1	5	5.6	5.9	5.2	5.9	5.7	5.2	5	6.6	5.8
Puebla	Puebla	4.9	5.5	6.2	6.4	6.1	5.7	5.8	5.8	5.2	5	4.7	4.4	4.4	6.4	5.5
Querétaro	Querétaro	5	5.7	6.4	6.8	6.9	6.4	6.4	6.4	6.3	5.4	5	4.4	4.4	6.9	5.9
Quintana Roo	Chetumal	3.9	4.7	5.4	5.7	5.3	4.7	4.9	5	4.5	4.4	4	3.7	3.7	5.7	4.7
Quintana Roo	Cozumel	3.9	4.6	5.3	5.7	5.2	4.8	4.9	4.9	4.6	4.4	4	3.8	3.8	5.7	4.7
Quintana Roo	Playa del Carmen	4.1	5	5.8	6.6	6.3	6.1	6.1	6	5.3	4.8	4.3	3.9	3.9	6.6	5.3
San Luis Potosí	Río Verde	3.6	4	4.6	4.9	5.4	5.6	5.8	5.8	5.1	4.3	3.7	3.3	3.3	5.8	4.7
San Luis Potosí	San Luis Potosí	4.3	5.3	5.8	6.4	6.3	6.1	6.4	6	5.5	4.7	4.2	3.7	3.7	6.4	5.4
Sinaloa	Culliacán	3.6	4.2	4.8	5.4	6.2	6.2	5.4	5.1	5.2	4.6	4.2	3.4	3.4	6.2	4.9
Sinaloa	Mazatlán	3.9	4.8	5.4	5.7	5.7	5.6	4.8	4.9	4.7	5	4.5	3.9	3.9	5.7	4.9
Sonora	Cd. Obregón	3.6	4.5	5.9	7.1	7.7	7.5	6.07	5.8	5.6	4.9	4.09	3.4	3.4	7.7	5.7
Sonora	Guaymas	4.5	5.7	6.5	7.2	7.3	6.8	5.9	5.8	6.3	5.9	5.1	5.6	4.5	7.3	6
Sonora	Hermosillo	4	4.6	5.4	6.6	8.3	8.6	6.9	6.6	6.7	6	4.7	3.9	3.9	8.6	6
Sonora	Nogales	3.1	3.9	5.2	6.5	7	7	6.1	5.6	5.2	4.3	3.5	2.9	2.9	7	5.2
Sonora	San Luis Río Colorado	3.4	3.8	4.9	6.2	7.3	7.4	6.9	6.1	5.1	4.05	3.3	2.8	2.8	7.4	6
Tamaulipas	Matamoros	2.9	3.9	5.3	6	6.7	7	6.8	6.7	5.5	5.1	3.7	2.8	2.8	7	5.5
Tamaulipas	Reynosa	2.6	3.5	4.6	5.3	5.7	6	6.1	5.7	4.8	4.4	3.3	2.5	2.5	6.1	4.5
Tamaulipas	Soto la Marina	3.4	4.2	4.9	4.9	5.1	5.3	5.4	5.4	4.9	4.6	3.7	3.2	3.2	5.4	4.6
Tamaulipas	Tampico	3.3	4.1	4.7	6.4	5	4.9	4.9	4.9	4.6	4.6	3.7	3.2	3.2	6.4	4.5
Tlaxcala	Tlaxcala	4.6	5.1	5.5	5.4	5.6	5.2	5.3	5.2	5.1	4.9	4.7	4	4	5.6	5.1
Veracruz	Córdoba	3.1	3.3	3.6	3.8	4.1	4.4	4.6	4.5	4.1	3.5	3.1	2.8	2.8	4.6	3.7
Veracruz	Jalapa	3.2	3.5	3.8	4.3	4.6	4.4	4.9	5	4.4	3.7	3.3	3	3	5	4
Veracruz	Orizaba	3.3	3.5	3.9	4.2	4.9	4.4	4.5	4.6	4.3	3.6	3.3	3.1	3.1	4.9	4
Veracruz	Poza Rica	3.1	4	5	5.9	6.4	6.1	5.8	5.9	5.1	4.8	3.3	3.1	3.1	6.4	5
Veracruz	San Andrés Tuxtla	3.5	4.4	5.6	6.6	6.5	5.8	5.8	5.6	4.9	4.6	3.9	3.4	3.4	6.6	5.2
Veracruz	Tuxpan	3.1	3.8	4.4	4.8	4.7	4.4	4.7	5.5	4.4	4.1	3.4	3.1	3.1	5.5	4.2
Veracruz	Veracruz	3.7	4.5	4.9	5.1	5.1	4.8	4.7	5.1	4.6	4.8	4.1	3.6	3.6	5.1	4.6
Yucatán	Mérida	3.7	4	4.6	5.2	5.7	5.5	5.7	5.5	5	4.2	3.8	3.4	3.4	5.7	4.7
Yucatán	Progreso	4.1	4.9	5.4	5.5	5.3	5.1	5.3	5.3	5	5	4.4	4	4	5.5	4.9
Yucatán	Valladolid	3.7	4.1	3.1	5.4	5.7	5.3	5.4	5.4	4.9	4.2	3.8	3.5	3.1	5.7	4.5
Zacatecas	Zacatecas	4.9	5.7	6.6	7.5	7.8	6.2	6.2	5.9	5.4	4.8	4.8	4.1	4.1	7.8	5.8

Mínimo	3.1	3.3	3.1	3.8	4.1	4.4	4.5	4.5	4.1	3.5	3.1	2.8	2.8	4.5	3.7
Máximo	5.4	6.3	6.6	7.5	8.3	8.6	7	6.6	6.7	6	5.7	5.6	5.4	8.6	6.7
Promedio	4.1	4.7	5.3	5.7	5.9	5.6	5.6	5.5	5.1	4.7	4.3	3.8	3.8	5.9	5