



Supplement of

Lifetime prediction of turbine blades using global precipitation products from satellites

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Supplement:

Accumulated annual rainfall (mm) and average rainfall during 2014-19 from IMERG and in situ observations for the 18 stations investigated.

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Station	Data set	2014	2015	2016	2017	2018	2019	Average
Arkona	IMERG	1114	1029	960	1114	663	1176	1009
	In situ	498	516	392	551	270	480	451
Bremen	IMERG	862	1017	757	1048	647	884	869
	In situ	567	612	418	650	395	519	527
Fehmarn	IMERG	781	828	695	871	558	763	749
	In situ	503	521	414	584	350	481	476
Grosser Arber	IMERG	677	457	605	616	365	428	525
	In situ	815	406	668	554	409	644	583
Helgoland	IMERG	1112	1354	1027	1457	1003	1301	1209
	In situ	697	712	630	908	515	803	711
List	IMERG	1144	1543	884	1249	677	1178	1113
	In situ	681	688	482	723	395	733	617
Seehausen	IMERG	605	671	504	761	431	562	589
	In situ	526	486	342	605	294	405	443
Aalborg	IMERG	902	1000	775	898	695	1029	883
	In situ	580	742	544	769	501	753	648
Anholt Havn	IMERG	1034	1201	797	1274	735	1217	1043
	In situ	549	503	416	516	244	667	483
Billund	IMERG	1178	1227	937	964	693	1218	1036
	In situ	919	951	702	785	516	1056	822
Hammerodde	IMERG	740	701	560	797	483	722	667
	In situ	579	546	396	565	364	529	497
Hvide Sande	IMERG	1266	1376	950	1152	887	1166	1133
	In situ	665	670	461	527	433	652	568
Karup	IMERG	1132	1217	907	960	715	1185	1019
	In situ	782	867	586	822	525	902	747
Skagen	IMERG	1410	1340	1114	1202	852	1591	1252
	In situ	700	595	394	564	436	673	560
Thyboroen	IMERG	880	1270	933	1229	912	1376	1100
	In situ	528	852	538	831	689	985	737
Vindebaek	IMERG	712	780	596	726	405	704	654
	In situ	451	590	436	475	264	508	454
Porto/Pedras Rubas	IMERG	862	1000	1673	990	1425	1289	1207
	In situ	899	917	1457	798	1237	1210	1086
Viana do Castelo/Chafé	IMERG	1816	974	1542	955	1483	1367	1356
	In situ	1724	1055	1211	778	1325	1208	1217