

Tagessummen der Globalstrahlung am Standort FH Lippe in Lemgo

Strahlung auf 30° nach Süd geneigte Fläche in kWh/m²

2006	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember
1	0,231	1,631	1,220	2,402	5,524	2,220	8,104	3,016	3,078	2,645	0,872	2,113
2	0,204	0,411	3,313	2,752	5,991	6,138	8,075	3,049	3,568	1,019	0,960	1,348
3	0,631	0,425	1,908	0,773	7,398	3,242	8,080	4,544	0,874	1,563	1,576	1,717
4	0,408	0,225	3,057	3,716	7,147	4,834	7,944	5,207	4,235	1,296	1,194	0,256
5	0,194	0,331	2,169	4,828	7,736	2,531	7,160	5,774	3,296	2,278	0,490	0,743
6	0,156	0,574	1,784	4,365	6,614	3,041	2,915	4,132	5,214	1,092	0,461	0,475
7	0,168	0,130	2,037	3,404	7,168	7,427	2,976	4,412	2,526	2,284	1,666	0,678
8	0,430	0,440	1,331	3,794	6,709	8,048	4,809	3,532	4,930	3,562	1,134	0,237
9	2,653	0,750	0,745	4,722	6,865	7,369	4,387	2,543	6,499	4,444	1,620	0,463
10	1,638	0,484	2,429	2,484	7,776	7,964	4,992	3,567	6,664	2,135	1,739	0,674
11	1,625	0,774	1,269	2,789	7,107	8,256	6,514	3,292	6,237	4,061	0,180	0,116
12	1,554	1,651	4,045	1,850	6,620	8,119	6,696	4,855	6,023	3,078	0,928	1,579
13	1,564	2,524	4,192	0,900	4,245	8,015	6,460	4,872	5,927	0,532	0,180	0,222
14	3,075	1,655	4,234	4,074	4,154	6,374	8,108	3,542	6,048	1,275	0,734	0,274
15	2,832	0,395	4,334	4,528	5,303	4,368	7,980	1,966	5,465	2,959	1,590	2,135
16	2,933	0,809	1,505	0,666	5,925	1,357	7,910	3,993	4,813	4,040	2,705	0,284
17	0,618	0,906	1,190	1,992	5,843	3,817	7,858	4,323	5,058	5,057	0,414	0,254
18	0,573	1,175	1,034	2,385	4,024	6,811	7,804	2,709	0,442	2,147	0,490	0,227
19	0,777	2,153	1,887	5,436	2,472	4,999	7,654	5,457	3,105	2,526	0,165	0,320
20	0,257	0,485	3,035	5,590	2,351	5,341	5,595	3,499	5,103	3,051	0,770	0,113
21	0,308	0,323	3,636	5,346	3,170	3,415	7,275	2,225	5,952	1,650	1,244	0,259
22	1,064	0,465	3,502	1,410	3,685	5,659	5,754	2,173	5,969	3,101	0,463	0,175
23	3,340	2,218	5,016	0,791	1,995	5,281	4,905	4,265	5,401	1,062	0,252	0,333
24	2,544	2,966	3,635	6,052	4,723	7,696	5,100	3,864	5,654	1,223	1,672	0,252
25	0,513	2,068	1,448	6,065	1,815	6,404	6,598	2,349	4,204	3,561	0,242	0,181
26	2,055	1,429	2,192	3,410	3,524	4,323	5,838	1,601	1,607	2,954	0,568	0,391
27	2,784	2,278	2,827	1,638	1,996	4,020	4,544	2,447	4,043	4,178	1,785	0,171
28	3,639	1,140	3,003	2,896	3,998	4,460	4,115	1,577	2,951	0,631	2,292	0,042
29	3,689		1,399	2,374	2,468	7,018	5,908	3,969	3,460	1,462	0,993	1,281
30	0,693		1,335	3,254	3,731	7,926	5,203	3,328	3,732	0,795	2,199	0,101
31	1,036		2,247		2,391		4,332	3,628		0,593		0,344
Monatssumme:	44,186	30,815	76,958	96,686	150,468	166,473	191,593	109,710	132,078	72,254	31,578	17,758

Summe: **1120,557 kWh/m²**

Tagessummen der Globalstrahlung am Standort FH Lippe in Lemgo

Strahlung auf 30° nach Süd geneigte Fläche in kWh/m²

2005	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember
1	0,696	1,971	1,426	6,918	7,186	7,342	3,252	5,142	6,087	0,428	1,472	2,442
2	1,019	0,514	1,170	7,026	5,291	1,621	5,507	4,966	2,680	2,364	0,784	1,960
3	0,169	0,847	0,688	7,020	2,486	6,494	3,408	4,545	6,254	2,886	2,576	1,051
4	0,167	0,694	4,474	4,426	2,940	3,497	5,915	4,643	6,323	1,497	0,378	0,546
5	0,491	4,046	4,396	3,143	5,988	2,017	5,128	2,554	6,588	4,317	2,059	0,264
6	1,069	4,174	5,005	5,075	3,231	2,600	4,110	2,936	6,256	4,016	3,769	0,407
7	0,237	3,966	1,110	5,195	1,198	3,823	3,158	4,484	5,849	4,881	0,183	0,220
8	0,685	3,380	0,888	2,471	4,409	5,082	4,776	3,454	5,876	4,053	3,559	0,322
9	1,246	0,945	0,873	3,122	3,674	6,053	3,308	3,703	4,901	3,670	2,860	0,462
10	1,551	0,229	5,797	1,314	4,178	4,695	7,838	1,629	4,228	4,143	2,583	0,320
11	0,766	1,279	0,297	1,163	4,617	2,899	7,568	2,020	0,566	5,028	0,358	0,266
12	1,005	0,348	1,175	3,438	4,436	4,173	7,301	1,967	1,610	4,886	0,560	0,411
13	0,338	0,894	2,253	3,708	6,356	4,298	7,200	4,056	4,880	4,920	0,320	0,288
14	1,458	1,203	2,934	2,684	2,690	6,578	7,088	1,501	1,919	4,543	0,394	0,277
15	2,016	0,627	3,533	6,100	6,337	7,896	5,669	3,278	1,389	4,271	0,137	0,164
16	3,238	1,199	4,620	5,122	6,568	6,048	5,427	2,969	2,961	5,235	0,343	0,713
17	0,496	2,135	0,437	4,422	2,852	2,786	6,817	7,108	5,280	4,993	0,557	0,223
18	0,367	1,294	0,350	3,250	5,593	8,260	7,211	7,043	6,242	4,436	0,696	0,774
19	0,743	0,702	1,270	1,447	7,255	8,098	3,332	5,235	6,206	2,528	1,007	0,089
20	0,378	0,714	5,922	6,570	3,450	7,834	3,509	1,142	6,141	1,107	0,334	0,134
21	0,496	2,374	6,257	7,138	5,017	5,282	1,307	1,090	5,688	0,794	2,196	0,207
22	0,528	1,619	4,760	7,658	4,954	6,655	1,239	3,829	5,929	0,676	0,543	0,958
23	1,702	0,456	3,441	7,388	3,961	8,015	2,676	1,665	5,628	1,546	1,741	0,076
24	1,119	4,282	5,748	6,672	5,560	5,120	5,268	5,957	2,229	0,499	0,694	0,201
25	1,407	0,723	0,983	2,995	6,450	3,438	4,587	1,087	3,825	0,484	0,184	1,258
26	1,753	0,407	2,510	1,255	7,561	7,981	1,488	4,475	2,276	2,010	0,547	0,325
27	0,262	3,979	3,166	4,060	7,627	8,090	3,325	4,926	1,698	2,475	1,896	0,393
28	0,657	1,788	1,526	6,802	7,748	7,934	6,392	5,760	2,503	4,086	0,403	0,645
29	1,887		2,551	1,137	7,470	2,856	5,169	6,780	2,120	3,868	0,343	0,707
30	0,279		5,037	3,560	0,785	2,020	3,934	6,550	3,410	3,847	0,622	1,905
31	0,174		6,729		3,811		3,333	6,613		3,769		0,384
Monatssumme:	28,399	46,789	91,326	132,279	151,679	159,485	146,240	123,107	127,542	98,256	34,098	18,392

Summe: **1157,592 kWh/m²**

Tagessummen der Globalstrahlung am Standort FH Lippe in Lemgo

Strahlung auf 30° nach Süd geneigte Fläche in kWh/m²

Daten vom 29.4. - 4.5.04 aus 0° Werten errechnet

2004	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember
1	0,459	0,401	2,820	5,509	3,120	7,900	3,419	6,847	5,192	4,206	1,285	0,203
2	1,063	0,221	0,655	5,483	1,150	4,231	5,767	6,586	6,868	2,450	0,339	0,535
3	1,607	0,595	1,268	2,141	3,540	6,861	3,875	6,581	6,479	4,064	0,776	0,298
4	0,146	0,568	3,556	3,199	4,160	1,327	4,696	5,873	5,899	2,647	0,495	1,810
5	0,439	0,243	5,803	2,649	2,335	2,756	3,426	6,450	6,143	2,472	1,397	0,167
6	0,091	1,248	1,012	2,188	1,115	5,749	6,339	6,513	6,529	1,946	1,717	0,333
7	0,377	0,225	1,490	1,828	0,625	7,341	6,758	7,257	5,526	3,334	2,474	0,224
8	0,931	0,745	5,011	1,758	3,453	7,484	2,231	7,234	6,024	2,645	2,646	1,758
9	0,265	0,735	1,267	1,326	3,751	6,664	2,750	7,159	6,757	3,504	0,468	2,002
10	0,537	0,735	1,143	1,474	4,134	4,370	3,404	6,371	6,536	4,594	0,448	2,776
11	0,166	0,551	1,327	2,285	2,185	4,157	5,530	3,337	2,612	4,501	1,150	0,183
12	0,779	0,937	3,800	2,553	1,658	3,916	1,729	6,128	3,423	4,973	2,699	0,323
13	0,262	0,412	1,368	3,741	3,389	3,595	2,644	2,738	3,604	3,567	1,338	0,303
14	0,398	0,692	4,737	4,109	3,596	4,951	3,629	3,826	6,193	2,223	1,964	2,295
15	0,356	0,737	1,376	6,417	2,620	4,197	2,604	3,897	3,236	2,116	0,330	2,576
16	0,374	0,539	2,039	6,639	8,012	4,821	2,388	3,772	5,803	2,386	0,226	1,237
17	0,359	0,669	5,437	5,508	4,764	3,963	5,839	5,492	5,931	1,058	0,123	0,302
18	0,425	2,887	2,897	4,240	6,757	3,268	3,843	5,005	5,848	0,705	0,320	0,880
19	0,156	1,569	1,571	5,391	7,091	3,123	5,855	5,460	2,483	3,908	0,339	1,776
20	0,737	4,810	0,781	5,046	3,617	5,025	1,631	4,675	1,635	0,444	0,310	2,260
21	1,260	1,986	2,457	5,444	3,133	5,973	6,267	3,610	2,755	4,372	1,468	2,909
22	0,663	1,493	1,501	3,879	4,719	4,686	6,687	6,757	1,867	3,886	0,205	0,178
23	0,389	3,337	3,965	3,095	5,656	3,817	5,813	3,692	0,945	0,599	1,419	0,090
24	0,653	2,499	2,753	5,029	2,500	3,990	6,458	2,273	2,869	2,129	3,061	0,588
25	0,301	2,484	2,704	5,277	3,040	2,412	2,376	2,410	1,076	2,215	3,019	0,408
26	1,628	3,136	2,759	4,837	4,349	6,729	3,560	2,386	1,791	1,392	0,640	0,873
27	0,279	4,737	5,446	7,326	2,589	4,691	5,644	1,400	1,793	2,872	0,594	0,232
28	0,858	2,802	2,813	5,653	7,223	5,109	6,984	2,613	0,797	0,735	0,209	0,344
29	1,074	3,696	5,116	3,660	8,143	4,340	7,696	4,237	1,301	0,811	0,200	1,127
30	1,230		6,466	6,970	6,809	4,880	6,831	2,832	3,468	0,203	1,957	0,139
31	0,431		6,644		1,984		5,486	3,191		0,468	0,000	0,136
Monatssumme:	18,693	45,689	91,982	124,654	121,217	142,326	142,159	146,602	121,383	77,425	33,616	29,265

Summe: **1095,011 kWh/m²**

Tagessummen der Globalstrahlung am Standort FH Lippe in Lemgo

Strahlung auf 30° nach Süd geneigte Fläche in kWh/m²

Daten vom 14.8.-16.9. aus 0° Werten errechnet

2003	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember
1	0,390	2,547	3,938	4,663	4,013	7,774	4,662	6,535	2,640	3,141	0,639	0,920
2	0,163	1,207	1,270	2,356	5,890	7,489	2,917	6,310	4,190	3,124	2,887	0,654
3	0,153	0,754	0,323	2,101	3,439	4,648	2,486	6,463	6,410	0,490	1,263	0,650
4	0,241	1,264	2,607	5,937	7,721	6,288	2,000	7,197	4,750	3,921	3,046	0,118
5	0,894	0,593	1,956	1,750	6,734	4,301	1,730	6,695	6,390	3,548	3,592	0,281
6	1,092	1,176	0,829	5,055	1,689	7,442	1,599	6,822	3,320	0,734	3,805	2,001
7	1,189	0,578	2,845	6,515	7,529	6,514	4,707	6,733	3,240	1,457	1,977	3,056
8	1,519	0,246	1,416	5,023	6,558	2,873	6,159	6,780	0,710	0,948	1,695	2,958
9	3,348	0,936	0,826	6,815	1,251	6,624	5,272	6,654	4,250	2,660	3,336	2,943
10	0,668	3,887	2,853	2,671	4,441	5,731	5,948	6,599	2,520	0,910	0,747	2,795
11	0,662	4,173	0,503	2,915	5,255	7,042	5,625	6,892	1,130	1,116	2,119	0,806
12	0,451	2,278	0,962	6,632	6,251	6,490	5,739	6,310	2,360	3,511	3,566	0,883
13	0,140	4,188	6,066	6,850	4,097	7,782	5,722	6,721	4,520	4,661	0,233	0,114
14	0,082	3,778	5,422	7,137	4,801	4,878	8,060	4,990	6,290	5,338	1,102	0,277
15	0,246	0,452	5,842	7,142	3,973	7,791	7,876	6,120	5,750	5,057	1,293	0,400
16	0,197	3,478	5,992	7,109	6,445	7,098	7,030	6,890	4,814	4,999	0,538	0,296
17	3,116	4,294	1,183	7,171	2,950	7,735	5,529	5,260	4,795	4,993	0,580	0,656
18	0,218	4,084	4,881	7,302	4,120	4,356	5,904	2,010	5,935	4,938	0,157	2,732
19	1,497	2,856	2,838	2,070	2,661	3,263	6,673	3,450	5,624	4,289	0,187	0,324
20	1,421	3,875	0,728	6,726	5,864	5,506	7,123	6,070	5,690	2,732	0,467	0,197
21	0,354	4,597	5,522	6,946	2,784	3,802	4,912	5,640	5,249	0,661	1,628	0,234
22	0,810	4,875	6,695	5,871	1,735	6,143	5,940	3,790	5,653	0,704	0,632	0,518
23	0,163	4,865	6,608	7,074	1,859	4,209	5,517	1,460	2,437	2,405	0,636	0,488
24	0,201	4,749	6,196	7,335	4,296	5,892	3,801	2,310	5,076	0,783	0,418	1,104
25	3,053	5,286	5,260	3,553	2,247	6,018	6,440	6,360	5,736	0,519	0,223	0,134
26	0,311	5,192	5,456	1,291	6,462	7,920	4,006	5,830	5,515	0,355	1,975	1,176
27	0,219	3,903	4,994	3,291	3,731	7,793	3,161	2,970	4,852	1,781	0,310	0,441
28	0,328	2,567	5,766	3,065	6,918	3,197	5,249	4,270	2,003	3,379	0,574	0,273
29	0,513		2,433	3,469	7,749	6,022	7,694	0,630	1,427	0,923	0,670	0,785
30	1,226		6,070	1,297	7,701	3,599	2,961	4,010	4,109	0,386	0,565	1,047
31	0,529		4,876		6,354		6,091	3,180		0,824		0,311
Monatssumme:	25,394	82,678	113,156	147,132	147,518	176,220	158,533	161,951	127,385	75,287	40,860	29,572

Summe: **1285,686 kWh/m²**

Tagessummen der Globalstrahlung am Standort FH Lippe in Lemgo

Strahlung auf 30° nach Süd geneigte Fläche in kWh/m²

2002	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember
1	0,580	1,724	1,182	3,960	3,232	7,937	1,409	0,906	4,039	5,182	0,478	1,529
2	0,166	3,346	5,284	6,471	3,410	8,267	3,782	6,323	6,544	2,625	0,221	0,916
3	2,984	3,586	1,431	6,641	1,652	6,523	1,993	3,612	5,666	0,470	0,292	1,004
4	3,231	1,643	0,625	6,268	0,645	5,669	2,236	4,770	3,560	3,793	0,267	0,273
5	3,185	0,289	0,702	6,809	2,784	5,318	3,017	3,146	3,336	0,538	2,138	0,346
6	0,136	1,170	0,906	6,110	0,990	3,474	3,583	4,598	5,628	0,583	3,166	0,217
7	0,209	0,707	2,627	6,411	7,435	1,163	3,438	3,213	4,142	0,799	0,198	0,245
8	0,915	0,578	3,969	7,031	2,948	4,186	7,536	1,366	5,490	5,285	0,714	2,749
9	2,379	0,412	0,446	4,649	4,757	5,736	6,388	4,635	6,178	3,935	0,431	2,323
10	1,629	0,721	5,262	3,956	3,989	3,921	1,941	1,695	0,431	5,001	1,059	2,810
11	1,415	0,233	5,402	3,747	1,933	5,011	5,496	2,563	1,684	5,295	1,906	2,410
12	0,137	1,351	1,425	5,021	2,930	3,812	4,924	2,973	6,373	3,366	2,028	2,507
13	0,595	1,806	0,231	1,301	7,402	1,113	2,905	4,073	6,326	0,567	0,797	1,020
14	2,216	4,418	2,047	1,130	5,438	3,273	0,950	4,182	1,285	1,048	0,829	0,349
15	1,112	4,875	1,451	0,768	4,696	3,611	6,381	6,560	4,766	0,672	0,308	0,348
16	0,234	4,910	5,074	1,090	7,505	3,929	3,358	7,307	3,446	1,630	0,418	0,141
17	0,299	2,824	3,867	1,095	7,730	7,555	0,704	5,273	1,572	2,537	0,286	0,065
18	0,257	0,408	2,792	4,396	2,687	7,441	0,714	5,847	1,511	2,034	1,137	0,509
19	0,376	0,501	1,356	5,545	4,607	6,185	0,803	4,996	1,150	2,374	0,458	0,878
20	0,237	0,875	1,211	5,742	4,493	4,298	5,974	6,079	1,728	2,953	1,854	0,766
21	0,140	4,657	1,566	5,980	7,538	4,292	3,335	4,844	1,457	0,221	1,155	0,370
22	0,720	0,303	2,624	5,853	5,579	5,534	3,293	3,705	3,312	1,234	0,232	0,109
23	1,308	1,095	3,426	3,099	1,282	5,654	3,152	4,133	4,142	0,888	2,947	0,377
24	0,462	1,781	2,658	1,593	5,109	6,687	3,162	3,231	5,908	2,769	0,686	0,125
25	1,983	0,731	5,336	5,104	3,368	6,139	3,797	3,443	0,738	0,950	0,544	0,320
26	0,788	1,565	6,086	2,541	6,490	6,860	0,728	5,817	1,184	1,375	0,163	0,360
27	0,685	2,444	6,413	2,806	4,712	4,414	6,645	5,294	5,580	0,898	2,662	0,282
28	0,454	2,126	6,797	1,876	3,963	4,653	7,417	4,636	1,293	1,425	2,646	0,121
29	1,815		6,801	5,152	4,184	3,213	7,260	4,178	1,960	0,952	0,200	0,270
30	1,817		3,643	2,977	6,093	4,085	5,708	5,846	5,320	2,333	0,207	0,159
31	1,725		5,058		5,652		6,011	3,948		2,146		2,463
Monatssumme:	34,189	51,079	97,698	125,122	135,233	149,953	118,04	133,192	105,749	65,878	30,427	26,361

Summe: **1072,921 kWh/m²**

Tagessummen der Globalstrahlung am Standort FH Lippe in Lemgo

Hinweis: Die Messeinrichtung ist seit 14.02.01 von 45° auf 30° umgestellt!

Strahlung auf 30° nach Süd geneigte Fläche in kWh/m²

Die 45° Werte bis 14.02.01 wurden von Prof.Dr. Saur auf 30° umgerechnet.

2001	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember
1	0,284	0,215	2,405	2,881	6,353	3,738	5,637	4,251	3,133	0,857	1,319	0,373
2	1,290	0,541	2,060	6,533	6,913	1,682	5,653	6,762	2,345	1,701	1,465	0,294
3	0,510	0,726	0,621	2,770	5,985	2,863	7,176	2,903	1,187	1,639	0,715	0,357
4	0,525	0,503	1,033	2,197	1,190	1,832	7,243	3,115	2,357	3,352	0,687	0,177
5	0,096	0,311	1,140	3,870	2,673	4,264	7,581	3,587	3,050	2,253	3,307	0,760
6	0,423	0,400	5,587	1,345	3,063	4,051	6,625	2,098	0,755	1,964	0,241	0,380
7	2,280	1,020	0,985	4,345	6,666	2,627	5,141	3,203	0,923	1,574	0,400	0,610
8	1,800	3,470	1,344	3,363	4,984	3,951	0,739	3,846	2,888	1,289	0,365	2,419
9	0,328	1,690	2,048	3,744	7,691	7,448	1,698	4,831	1,543	1,870	1,938	2,426
10	0,602	4,630	1,512	2,221	7,856	4,594	5,524	3,511	0,630	2,450	3,696	0,472
11	2,830	0,585	2,049	0,651	7,858	5,484	6,165	5,386	1,110	0,633	0,297	0,223
12	2,390	1,396	1,511	3,232	8,012	2,445	5,419	2,895	2,220	5,024	0,220	0,288
13	3,210	1,004	1,914	4,730	6,781	5,878	6,070	0,819	1,300	3,682	2,468	2,416
14	1,060	3,287	1,030	4,287	5,287	7,436	3,409	6,863	1,680	3,285	2,000	2,216
15	3,720	4,752	4,721	1,527	6,176	5,161	3,582	6,863	1,200	2,817	2,770	0,232
16	3,490	3,995	1,211	1,307	4,664	7,431	2,365	5,175	2,900	2,300	0,477	1,649
17	2,890	0,340	0,778	2,930	3,541	4,908	5,048	6,688	2,200	2,600	0,389	0,172
18	0,530	0,536	0,729	1,418	2,828	1,732	5,996	5,929	4,183	3,371	0,693	0,238
19	1,150	0,478	0,817	3,562	3,491	2,342	5,141	4,957	4,121	3,405	0,277	0,208
20	0,405	0,562	4,505	3,320	6,969	7,473	3,936	3,236	0,792	4,193	0,897	2,527
21	0,330	0,442	0,981	5,194	5,651	5,124	6,098	6,255	1,714	1,344	1,042	0,103
22	0,352	1,070	1,516	6,673	5,419	2,820	4,557	6,365	0,814	2,015	0,215	0,268
23	1,210	2,700	0,542	5,850	8,065	2,622	5,316	5,670	1,584	1,985	0,582	0,732
24	0,277	5,275	1,232	5,341	7,956	7,542	6,429	5,576	3,898	1,081	0,157	0,152
25	0,770	3,094	0,747	1,030	8,287	8,054	7,626	5,824	4,873	0,956	0,233	0,390
26	1,090	1,047	1,434	2,946	7,261	7,638	7,568	6,005	3,534	3,303	0,330	0,180
27	0,238	4,838	4,979	2,000	3,958	5,413	7,400	3,055	1,168	0,543	0,535	0,491
28	0,124	2,296	3,378	3,160	1,093	4,301	4,832	4,947	1,403	1,169	0,831	0,191
29	0,342		3,506	5,524	7,171	6,033	6,639	5,966	4,590	0,437	0,324	0,563
30	0,483		3,288	6,367	7,663	3,083	6,040	5,595	1,323	2,823	0,344	0,234
31	0,595		4,837		4,316		4,788	4,283		1,034		0,811
Monatssumme:	35,624	51,203	64,44	104,318	175,821	139,97	167,441	146,459	65,418	66,949	29,214	22,552

Hinweis: Werte vom 10.-17.9. von Prof. Saur aus 0° Werten errechnet.

Summe: **1069,409 kWh/m²**

Tagessummen der Globalstrahlung am Standort FH Lippe in Lemgo

Strahlung auf 45° nach Süd geneigte Fläche in kWh/m²

2000	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember
1	0,089	0,931	1,263	2,830	1,443	3,884	2,851	5,901	1,854	1,094	1,766	1,478
2	0,789	0,757	1,986	3,781	2,623	7,345	4,909	3,152	1,837	4,238	3,553	1,851
3	0,287	1,234	0,678	6,031	5,801	6,074	3,259	4,745	1,654	1,469	0,431	0,207
4	0,108	0,184	2,241	4,960	6,884	3,292	4,485	4,647	6,182	5,098	3,143	1,802
5	2,089	2,172	1,685	2,242	7,282	2,257	1,207	4,976	1,663	1,323	3,022	2,390
6	2,381	1,684	2,756	7,081	7,174	2,462	3,175	4,684	1,453	2,329	0,204	0,710
7	1,061	1,281	0,411	5,992	6,795	3,271	3,655	3,616	3,255	1,746	2,156	1,317
8	0,230	0,586	0,205	3,952	5,200	6,453	1,543	2,623	0,853	3,742	0,644	0,572
9	0,762	0,458	0,527	6,026	5,663	7,309	2,302	5,589	1,814	1,735	1,187	2,023
10	0,215	2,334	3,083	7,268	7,052	5,814	3,994	2,935	2,337	2,198	2,105	0,204
11	3,195	4,065	1,274	4,849	7,545	4,272	1,738	2,647	4,273	2,903	1,711	1,775
12	2,293	4,380	2,028	2,843	7,275	6,672	3,807	5,635	4,356	3,762	1,341	0,131
13	0,262	1,231	3,202	3,377	7,693	7,296	2,083	6,953	2,971	3,072	0,633	0,797
14	0,180	2,937	0,307	3,805	7,601	2,412	2,664	6,385	2,893	4,854	0,496	0,580
15	0,526	0,867	2,456	1,936	7,425	3,385	3,843	3,245	2,013	0,437	1,582	0,120
16	0,185	1,880	2,084	4,859	6,208	5,141	2,288	5,714	2,763	3,541	2,194	0,603
17	0,147	0,794	0,229	1,961	2,875	7,700	1,467	4,247	1,566	2,354	0,580	0,168
18	0,380	0,277	0,495	2,947	4,170	7,110	2,867	5,849	1,589	5,151	0,667	0,455
19	2,287	0,372	6,508	2,461	3,707	7,092	1,487	2,561	6,352	0,332	0,412	1,628
20	0,113	2,431	4,658	6,434	3,967	6,711	3,975	3,145	3,880	1,901	0,644	3,030
21	0,646	3,321	5,486	6,032	3,174	6,832	4,900	1,234	0,439	1,731	2,423	3,112
22	0,141	0,828	6,234	4,884	2,214	4,105	2,652	4,321	5,760	4,690	0,856	3,234
23	2,789	4,163	4,974	3,997	4,805	4,790	5,775	6,156	5,368	4,331	0,298	3,126
24	2,355	0,306	1,461	0,838	1,848	3,170	3,694	6,768	6,722	0,620	0,588	0,205
25	4,018	1,697	1,902	7,454	2,179	2,961	2,989	2,909	2,249	0,343	3,295	0,262
26	0,190	3,912	3,414	7,271	6,092	3,805	0,889	7,162	3,136	1,471	1,876	0,370
27	0,215	5,006	3,500	6,930	3,378	3,580	3,470	3,662	0,801	0,651	0,858	0,391
28	0,462	1,558	0,313	3,010	3,154	2,794	1,369	4,880	1,792	0,768	0,102	0,113
29	0,129	2,575	0,379	1,322	3,129	2,668	3,595	3,951	5,852	3,658	1,773	2,377
30	1,820		0,495	1,067	4,731	5,283	2,998	6,235	4,881	0,662	1,840	0,258
31	1,161		1,365		5,013		5,641	5,516		0,859		2,363
Monatssumme:	31,505	54,221	67,599	128,440	154,100	145,940	95,571	142,043	92,558	73,063	42,380	37,652

Summe: **1065,072 kWh/m²**

Tagessummen der Globalstrahlung am Standort FH Lippe in Lemgo

Strahlung auf 45° nach Süd geneigte Fläche in kWh/m²

1999	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember
1	2,733	0,269	0,344	6,267	6,793	7,308	4,089	7,032	2,817	1,954	2,923	0,575
2	0,905	0,252	0,358	6,599	6,170	5,981	3,533	7,235	6,903	1,375	0,319	0,689
3	0,984	0,137	2,613	5,994	7,247	5,699	7,063	7,084	6,724	2,535	3,210	0,232
4	0,195	0,114	3,721	1,347	6,722	3,726	5,107	6,411	5,670	0,766	4,164	1,181
5	1,339	0,904	1,612	3,814	5,991	2,573	4,853	3,022	6,659	2,814	0,780	1,068
6	2,721	0,983	1,552	2,825	1,201	3,394	1,555	6,906	5,023	1,026	1,070	0,102
7	0,445	0,864	3,047	1,228	6,067	6,027	5,104	1,270	4,871	1,921	0,785	0,065
8	0,355	1,042	1,653	0,805	2,623	3,956	4,718	3,722	3,478	0,812	0,355	1,354
9	0,130	2,032	0,474	5,494	5,959	6,300	6,932	4,897	5,826	0,377	1,023	0,830
10	0,564	0,563	0,687	2,010	3,368	5,350	6,859	4,098	5,224	0,453	0,205	0,123
11	0,067	1,420	1,399	3,361	3,294	2,633	6,170	3,988	6,468	0,829	2,354	0,249
12	0,656	4,724	5,813	1,113	2,961	5,286	5,881	2,429	6,255	5,017	4,290	0,174
13	0,193	2,750	5,105	2,010	2,868	6,357	5,242	4,958	6,265	4,963	1,314	0,162
14	0,372	1,898	1,028	3,257	4,914	5,771	3,416	1,152	6,123	0,941	0,443	0,180
15	0,371	0,821	4,476	4,651	2,697	6,583	3,054	4,179	5,645	4,329	4,448	0,237
16	0,259	1,734	2,050	4,878	3,317	6,994	5,111	5,307	4,465	5,809	3,811	1,874
17	0,090	1,573	5,769	3,716	6,920	5,728	7,175	2,635	3,567	2,938	0,174	0,262
18	1,829	1,958	5,738	4,614	7,763	4,661	7,139	2,983	3,036	4,141	0,302	1,741
19	1,837	0,343	2,263	6,549	7,011	7,317	3,792	3,916	4,312	5,309	0,747	1,043
20	1,887	1,703	1,345	7,234	5,422	3,311	5,253	1,684	4,091	5,549	0,517	1,007
21	0,554	0,325	1,137	2,565	5,982	5,026	4,447	2,826	4,796	2,349	1,467	0,310
22	1,631	1,037	0,705	3,027	2,383	4,319	3,372	2,625	1,725	3,727	0,160	2,420
23	0,728	1,234	1,657	4,677	5,069	4,427	2,025	4,960	3,766	0,629	0,689	0,077
24	0,123	1,862	1,320	3,966	3,733	4,623	4,206	6,655	4,470	1,730	0,214	0,413
25	0,341	1,923	5,821	5,637	2,871	6,209	6,601	3,903	4,083	1,676	1,092	0,758
26	1,424	0,449	2,152	7,232	7,426	7,611	4,749	1,820	1,954	0,647	1,866	0,102
27	0,418	2,452	0,783	2,096	7,533	4,569	7,127	3,987	3,398	1,539	0,144	0,170
28	0,238	2,420	3,141	3,311	4,688	3,348	7,525	2,096	2,028	1,815	0,613	0,199
29	3,114		6,900	6,099	7,264	3,402	6,918	5,715	0,871	2,261	0,859	0,153
30	3,235		6,366	7,568	5,307	4,080	6,893	4,502	0,717	2,910	0,133	0,230
31	1,357		5,005		4,139		6,888	4,216		1,380		0,212
Monatssumme:	31,095	37,786	86,034	123,944	155,703	152,569	162,797	128,213	131,230	74,521	40,471	18,192

Summe: **1142,555 kWh/m²**

Tagessummen der Globalstrahlung am Standort FH Lippe in Lemgo

Strahlung auf 45° nach Süd geneigte Fläche in kWh/m²

Tagessummen für August fehlen, Monatssumme wurde aus Horizontalwert berechnet

1998	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember
1	0,463	3,423	1,252	1,445	5,123	3,015	3,909		5,058	0,464	0,973	0,901
2	0,899	2,390	1,386	1,548	2,917	3,192	3,847		1,543	0,611	1,056	0,349
3	0,251	4,229	0,351	1,560	0,858	6,134	2,047		1,015	0,334	0,849	0,125
4	0,654	4,681	0,569	1,828	2,613	6,242	1,310		1,153	0,620	0,287	0,158
5	0,528	0,429	0,771	2,599	3,535	4,761	1,608		0,831	0,834	1,103	0,264
6	0,422	0,377	0,519	4,094	1,216	3,432	2,879		2,590	2,281	2,109	0,419
7	0,487	1,312	0,574	1,717	1,917	2,544	2,689		3,301	0,485	1,118	1,855
8	0,339	0,801	0,653	1,137	7,104	4,804	2,365		3,775	1,524	1,565	2,862
9	0,228	2,506	4,298	2,241	5,782	2,180	0,730		1,374	1,783	0,112	0,301
10	3,721	3,931	2,025	2,717	7,127	2,349	4,455		3,519	0,268	0,594	0,935
11	3,488	1,750	2,737	2,350	6,941	4,471	4,017		4,060	0,401	1,864	0,342
12	2,944	1,120	1,518	2,268	6,975	1,181	1,019		1,540	1,777	2,535	0,246
13	2,631	0,255	2,616	4,483	6,965	6,119	2,088		3,478	2,211	0,161	0,128
14	1,910	3,532	0,845	5,027	7,682	4,480	2,609		0,972	0,324	0,623	0,050
15	0,647	2,199	0,734	1,490	7,431	4,792	2,630		0,606	1,434	0,181	0,086
16	1,233	0,614	0,688	2,769	7,135	2,802	2,537		3,067	3,940	0,445	0,315
17	2,061	3,243	1,281	5,402	7,258	3,960	4,434		3,278	2,827	1,076	3,410
18	0,519	3,261	0,943	1,566	6,723	1,267	2,739		1,934	3,936	0,535	0,286
19	0,251	0,632	3,170	4,848	7,151	1,677	5,891		1,191	4,938	3,526	0,141
20	0,111	3,540	3,294	2,947	4,806	6,382	6,917		4,256	2,433	1,638	1,010
21	0,238	3,064	7,077	2,494	2,728	7,132	6,113		5,106	0,796	3,011	0,386
22	0,908	2,068	1,655	6,361	3,251	3,259	7,035		5,541	0,571	3,198	0,093
23	0,221	4,651	4,488	7,372	5,577	2,775	2,691		4,951	0,465	0,502	1,013
24	0,150	0,351	6,558	2,158	1,938	1,957	3,789		6,189	1,368	0,369	0,090
25	2,371	0,483	6,473	1,690	1,832	5,476	5,979		5,267	0,398	1,045	0,104
26	3,492	0,400	6,462	1,428	3,182	6,120	5,745		2,424	1,619	1,096	2,120
27	3,294	0,441	0,454	1,065	4,680	5,182	5,453		3,284	0,213	0,182	0,308
28	0,173	2,290	1,847	0,817	3,806	3,888	1,665		2,260	0,493	0,626	0,131
29	0,454		6,648	0,818	2,371	4,326	1,760		1,787	0,585	0,364	2,780
30	0,231		5,217	3,425	2,077	1,819	4,488		1,866	0,551	0,118	2,973
31	5,030		1,667		4,626		4,086			0,961		2,038

Monatssumme: 40,349 57,973 78,77 81,664 143,327 117,718 109,524 135,306 87,216 41,445 32,861 26,219

Summe: 952,372 kWh/m²

Tagessummen der Globalstrahlung am Standort FH Lippe in Lemgo

Strahlung auf 45° nach Süd geneigte Fläche in kWh/m²

1997	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember
1	2,474	4,515	3,630	6,404	2,921	5,423	2,414	3,743	6,179	0,813	0,446	2,785
2	2,168	3,960	3,989	6,821	6,770	7,591	5,063	1,853	0,451	2,588	0,531	0,560
3	0,394	0,252	5,160	1,881	6,182	7,657	4,543	3,774	3,381	3,413	0,456	0,279
4	0,376	0,369	5,960	2,719	4,092	6,697	5,810	4,747	2,790	0,821	4,446	0,162
5	1,745	0,349	4,079	0,369	1,612	7,377	5,307	7,197	2,423	0,533	0,360	0,374
6	1,564	2,264	0,466	4,463	1,169	7,238	2,991	6,960	4,886	4,879	0,355	0,337
7	0,731	0,847	4,388	7,455	5,870	7,133	4,215	6,991	1,317	2,048	1,051	0,910
8	1,349	4,510	4,529	7,359	4,551	2,854	3,223	6,897	2,547	0,989	1,294	0,428
9	0,322	1,224	3,583	5,509	3,393	6,754	2,844	6,506	3,944	0,793	1,067	0,484
10	0,693	1,480	6,241	6,036	4,899	7,324	5,217	6,989	3,756	2,253	1,997	0,157
11	0,370	1,222	1,356	2,161	2,186	5,635	6,833	7,057	4,987	2,072	1,546	0,156
12	2,746	0,176	4,038	2,143	4,381	6,329	6,772	6,999	1,914	2,155	0,486	0,109
13	2,723	1,040	1,928	5,391	6,304	5,593	6,869	6,853	3,790	0,854	0,464	0,625
14	3,059	1,469	0,514	0,634	4,977	3,776	3,955	6,648	5,076	2,230	0,922	0,309
15	3,786	1,261	0,581	6,403	7,080	2,986	5,709	2,386	5,716	0,260	0,097	0,122
16	3,843	2,479	0,616	6,564	6,616	5,936	1,655	5,214	6,592	4,475	0,767	1,668
17	3,918	1,248	1,099	5,923	5,430	7,466	1,890	6,088	4,519	0,669	3,946	2,424
18	0,185	0,756	2,248	3,500	5,837	5,071	2,356	7,169	4,249	5,376	1,627	0,207
19	0,261	2,486	0,928	3,543	5,283	7,421	4,207	1,574	4,320	5,130	4,194	1,287
20	0,190	2,161	2,585	4,667	2,808	2,394	3,146	5,887	4,840	1,017	1,909	0,238
21	0,340	0,210	1,647	6,905	3,288	3,217	1,266	5,809	6,828	5,404	1,980	0,059
22	0,849	0,540	2,114	3,046	2,056	4,617	5,140	1,294	6,684	4,579	0,449	0,293
23	3,284	2,153	1,733	7,456	4,279	2,458	4,436	1,520	5,542	1,033	0,132	0,108
24	0,220	0,919	1,236	5,658	5,308	2,652	5,397	5,704	3,232	3,307	0,281	0,060
25	0,237	1,478	0,910	1,397	6,440	6,088	1,393	6,178	6,479	0,455	0,439	0,658
26	2,324	0,696	3,302	1,850	4,839	3,018	2,686	0,789	6,232	1,007	0,612	0,521
27	0,447	2,808	4,929	1,162	1,971	4,704	3,871	5,012	2,993	5,320	0,587	0,388
28	0,295	4,531	3,005	1,606	4,067	5,789	5,151	0,435	6,383	5,499	0,687	0,264
29	0,281		2,868	0,658	4,797	5,797	4,958	2,687	3,930	3,456	0,366	0,350
30	0,240		2,155	3,654	7,101	2,707	5,663	5,623	1,614	5,164	0,559	1,110
31	0,321		6,511		6,799		3,200	5,741		5,043		0,456

Monatssumme: 41,735 47,403 88,328 123,337 143,306 159,702 128,18 152,324 127,594 83,635 34,053 17,888

Summe: 1147,485 kWh/m²