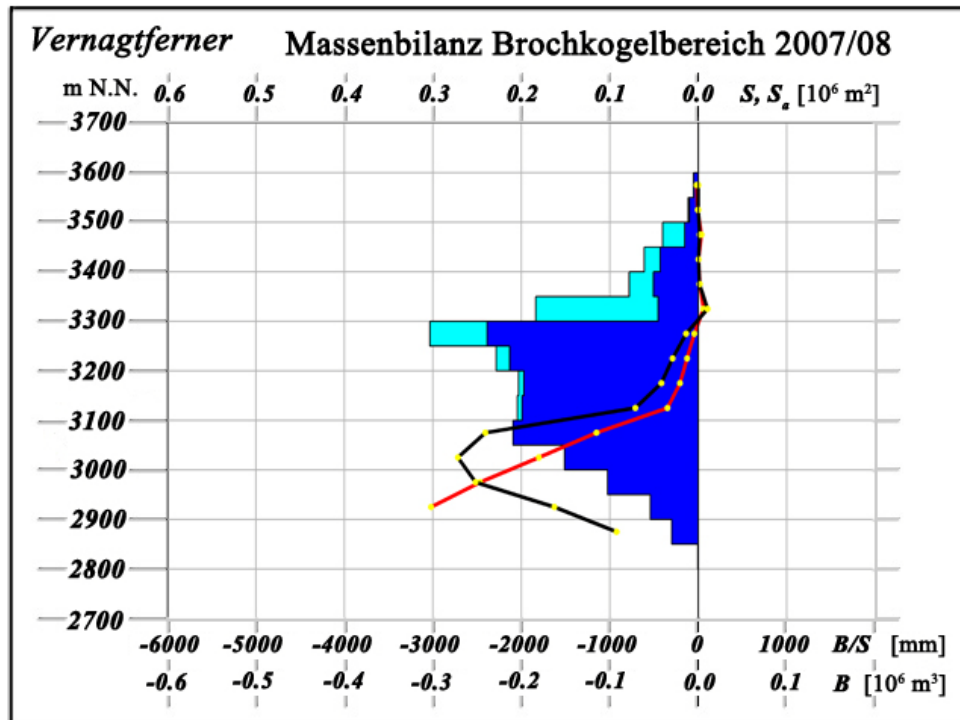




**Vernagtferner**  
**Brochkogelbereich**

**MASSENILANZ 2007/08**

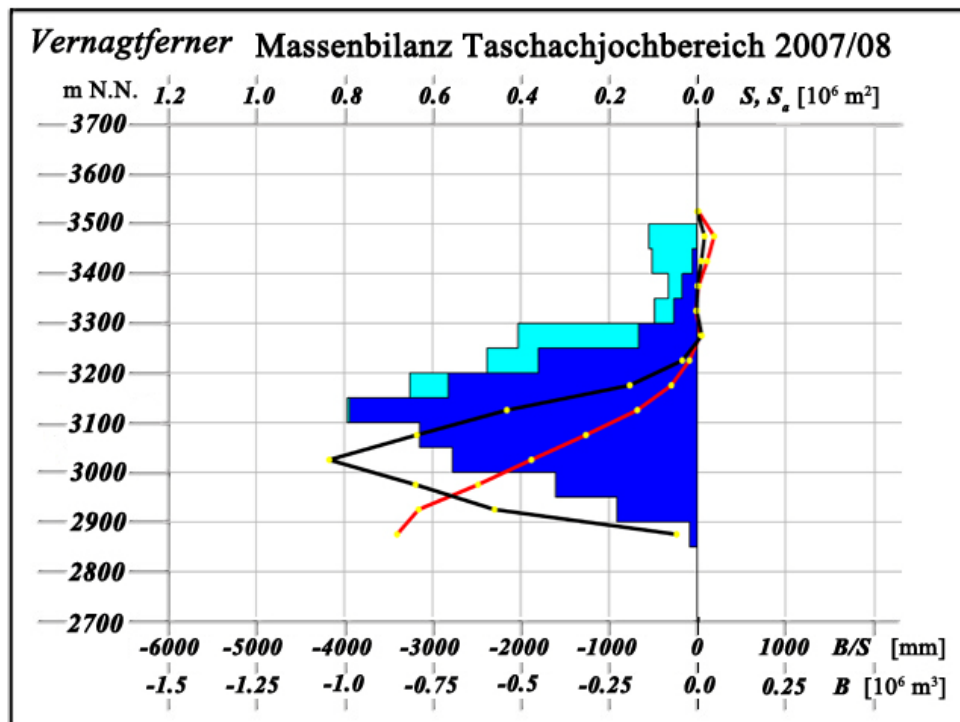
Höhenstufe m NN	B <sub>A</sub> [10 <sup>3</sup> m <sup>3</sup> ]	S <sub>A</sub> [10 <sup>3</sup> m <sup>2</sup> ]	B <sub>A</sub> /S <sub>A</sub> [mm]	B <sub>C</sub> [10 <sup>3</sup> m <sup>3</sup> ]	S <sub>C</sub> [10 <sup>3</sup> m <sup>2</sup> ]	B <sub>C</sub> /S <sub>C</sub> [mm]	B [10 <sup>3</sup> m <sup>3</sup> ]	S [10 <sup>3</sup> m <sup>2</sup> ]	B/S [mm]
3600<									
3550 - 3600	0	5	-20	0	0	0	0	5	-20
3500 - 3550	0	10	-10	0	1	9	0	11	-7
3450 - 3500	0	15	-1	1	25	57	1	40	35
3400 - 3450	0	43	-9	1	18	33	0	61	3
3350 - 3400	0	50	-8	2	27	64	1	78	18
3300 - 3350	-1	45	-14	11	138	80	10	183	57
3250 - 3300	-17	238	-73	4	65	56	-14	303	-46
3200 - 3250	-30	213	-142	1	15	72	-29	228	-127
3150 - 3200	-42	197	-213	0	6	8	-42	203	-206
3100 - 3150	-71	199	-358	0	5	6	-71	204	-349
3050 - 3100	-241	209	-1151	0	0	0	-241	209	-1151
3000 - 3050	-272	151	-1803	0	0	0	-272	151	-1803
2950 - 3000	-252	102	-2467	0	0	0	-252	102	-2467
2900 - 2950	-163	54	-3020	0	0	0	-163	54	-3020
2850 - 2900	-92	30	-3102	0	0	0	-92	30	-3102
2800 - 2850									
2750 - 2800									
<2750									
<b>S, M</b>	<b>-1182</b>	<b>1560</b>	<b>-758</b>	<b>20</b>	<b>301</b>	<b>65</b>	<b>-1162</b>	<b>1861</b>	<b>-624</b>





## Vernagtferner Taschachjochbereich MASSENBILANZ 2007/08

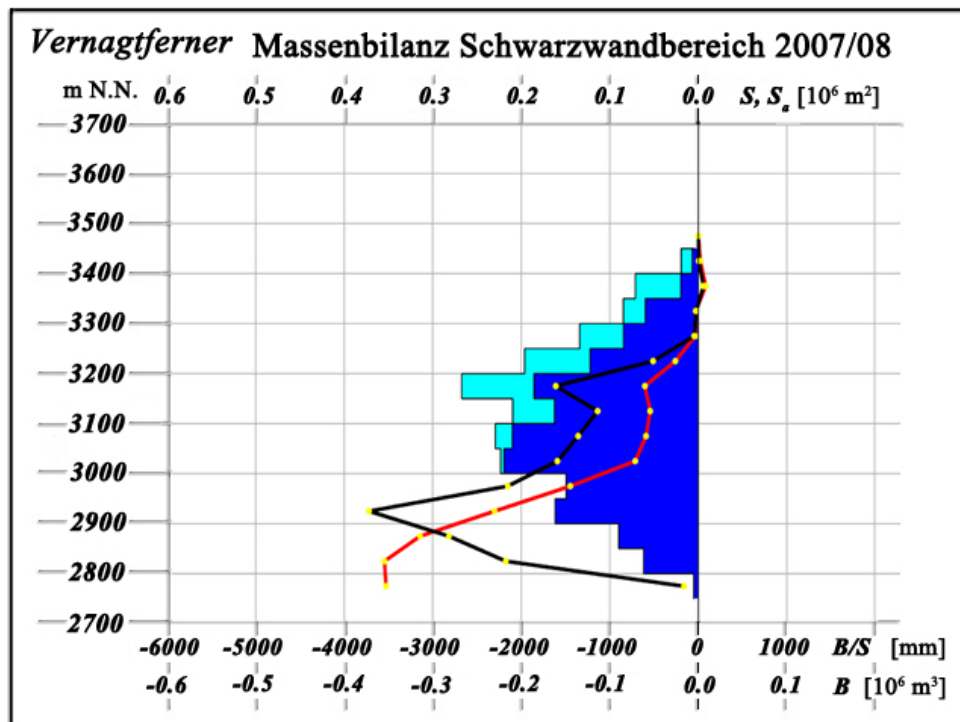
Höhenstufe m NN	B <sub>A</sub> [10 <sup>3</sup> m <sup>3</sup> ]	S <sub>A</sub> [10 <sup>3</sup> m <sup>2</sup> ]	B <sub>A</sub> /S <sub>A</sub> [mm]	B <sub>C</sub> [10 <sup>3</sup> m <sup>3</sup> ]	S <sub>C</sub> [10 <sup>3</sup> m <sup>2</sup> ]	B <sub>C</sub> /S <sub>C</sub> [mm]	B [10 <sup>3</sup> m <sup>3</sup> ]	S [10 <sup>3</sup> m <sup>2</sup> ]	B/S [mm]
3600<									
3550 - 3600									
3500 - 3550	0	0	0	0	2	14	0	2	13
3450 - 3500	0	1	0	21	108	192	21	109	190
3400 - 3450	0	11	-32	12	91	130	12	102	113
3350 - 3400	-2	34	-68	3	31	98	1	65	12
3300 - 3350	-3	53	-62	2	44	45	-1	97	-14
3250 - 3300	-13	132	-98	26	274	94	13	406	31
3200 - 3250	-51	360	-141	8	117	70	-42	477	-89
3150 - 3200	-197	564	-349	6	88	65	-191	652	-294
3100 - 3150	-540	788	-685	0	6	8	-540	793	-680
3050 - 3100	-795	630	-1263	0	0	0	-795	630	-1263
3000 - 3050	-1043	555	-1881	0	0	0	-1043	555	-1881
2950 - 3000	-798	321	-2485	0	0	0	-798	321	-2485
2900 - 2950	-575	182	-3158	0	0	0	-575	182	-3158
2850 - 2900	-58	17	-3403	0	0	0	-58	17	-3403
2800 - 2850									
2750 - 2800									
<2750									
<b>S, M</b>	<b>-4075</b>	<b>3648</b>	<b>-1117</b>	<b>77</b>	<b>761</b>	<b>102</b>	<b>-3998</b>	<b>4409</b>	<b>-907</b>





## Vernagtferner Schwarzwandbereich MASSENBILANZ 2007/08

Höhenstufe m NN	B <sub>A</sub> [10 <sup>3</sup> m <sup>3</sup> ]	S <sub>A</sub> [10 <sup>3</sup> m <sup>2</sup> ]	B <sub>A</sub> /S <sub>A</sub> [mm]	B <sub>C</sub> [10 <sup>3</sup> m <sup>3</sup> ]	S <sub>C</sub> [10 <sup>3</sup> m <sup>2</sup> ]	B <sub>C</sub> /S <sub>C</sub> [mm]	B [10 <sup>3</sup> m <sup>3</sup> ]	S [10 <sup>3</sup> m <sup>2</sup> ]	B/S [mm]
3600<									
3550 - 3600									
3500 - 3550									
3450 - 3500	0	3	0	0	1	2	0	4	0
3400 - 3450	0	7	0	0	12	36	0	19	23
3350 - 3400	0	19	-8	6	51	116	6	71	82
3300 - 3350	-4	59	-65	1	25	54	-2	84	-30
3250 - 3300	-8	84	-99	4	50	73	-5	134	-35
3200 - 3250	-59	122	-481	8	74	102	-51	196	-261
3150 - 3200	-168	185	-908	7	82	86	-161	267	-604
3100 - 3150	-116	162	-716	2	47	45	-114	209	-544
3050 - 3100	-136	210	-649	0	19	20	-136	229	-593
3000 - 3050	-159	219	-728	0	4	4	-159	223	-715
2950 - 3000	-215	149	-1446	0	0	0	-215	149	-1446
2900 - 2950	-372	162	-2304	0	0	0	-372	162	-2304
2850 - 2900	-282	90	-3145	0	0	0	-282	90	-3145
2800 - 2850	-218	61	-3549	0	0	0	-218	61	-3549
2750 - 2800	-16	5	-3531	0	0	0	-16	5	-3531
<2750									
<b>S, M</b>	<b>-1754</b>	<b>1536</b>	<b>-1142</b>	<b>29</b>	<b>365</b>	<b>78</b>	<b>-1726</b>	<b>1902</b>	<b>-907</b>

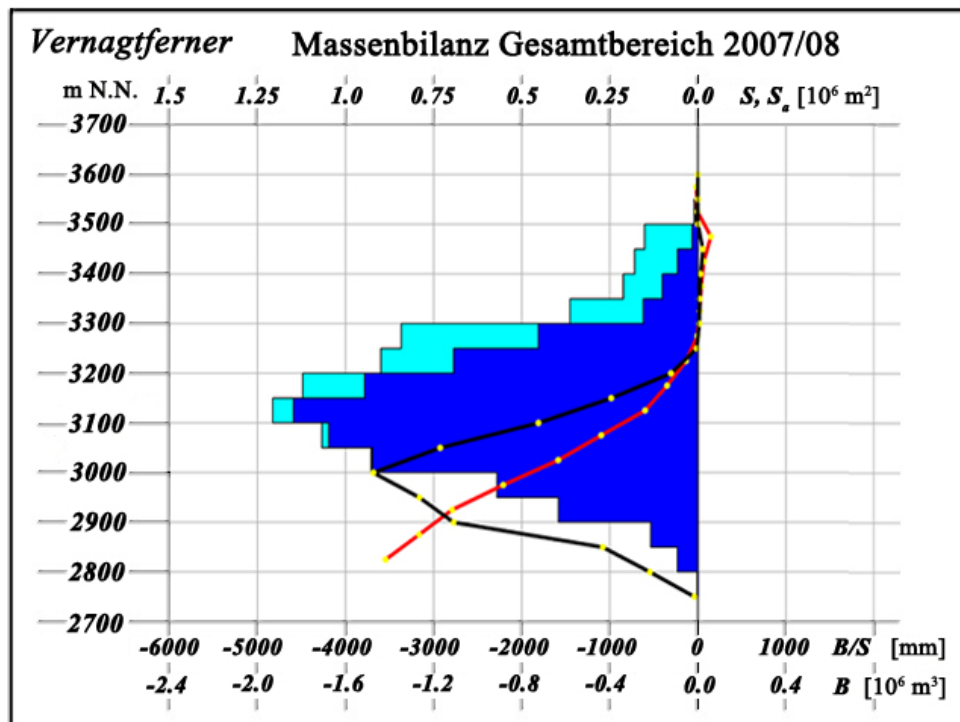




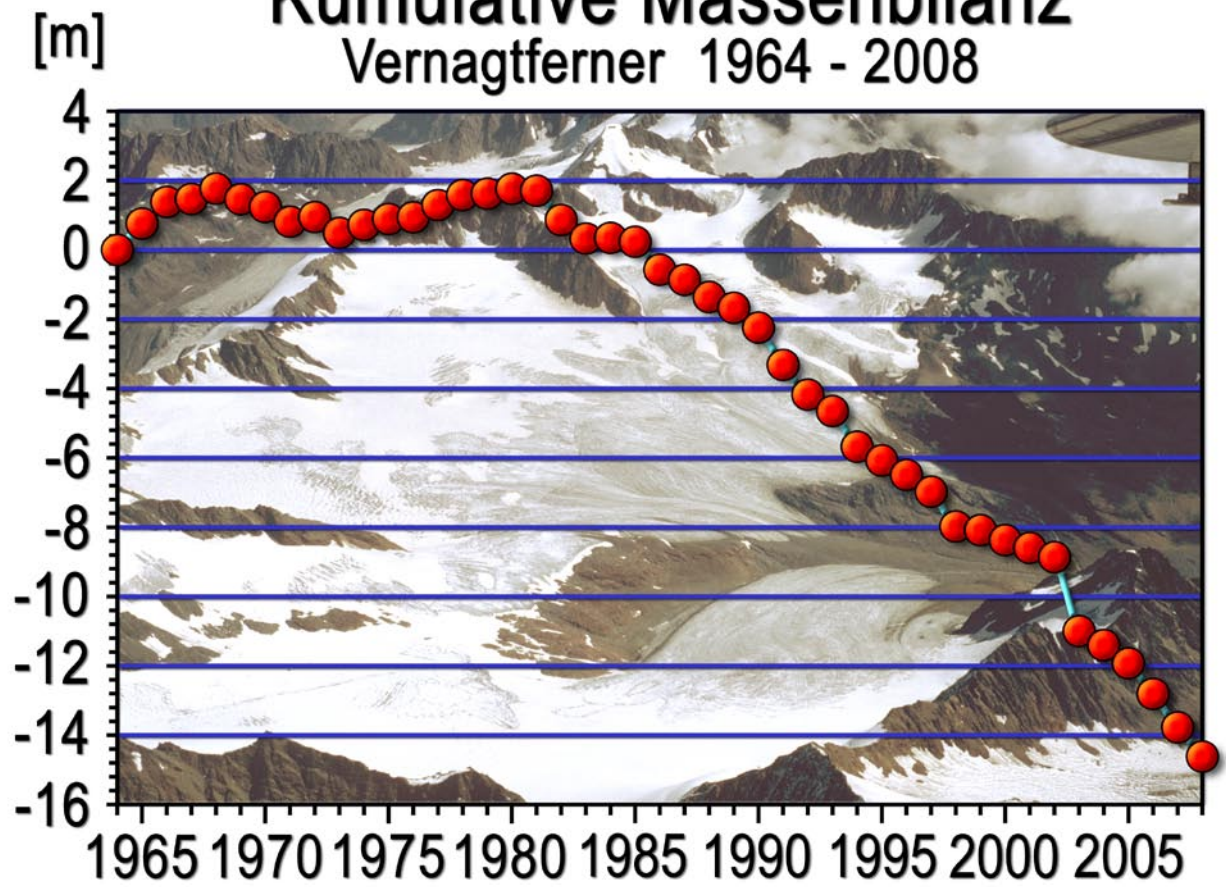
**Vernagtferner**  
Gesamtbereich

**MASSENILANZ 2007/08**

Höhenstufe m NN	B <sub>A</sub> [10 <sup>3</sup> m <sup>3</sup> ]	S <sub>A</sub> [10 <sup>3</sup> m <sup>2</sup> ]	B <sub>A</sub> /S <sub>A</sub> [mm]	B <sub>C</sub> [10 <sup>3</sup> m <sup>3</sup> ]	S <sub>C</sub> [10 <sup>3</sup> m <sup>2</sup> ]	B <sub>C</sub> /S <sub>C</sub> [mm]	B [10 <sup>3</sup> m <sup>3</sup> ]	S [10 <sup>3</sup> m <sup>2</sup> ]	B/S [mm]
3600<	0	0	0	0	0	0	0	0	0
3550 - 3600	0	5	-20	0	0	0	0	5	-20
3500 - 3550	0	10	-10	0	3	12	0	13	-4
3450 - 3500	0	19	-1	22	134	166	22	153	145
3400 - 3450	-1	61	-13	13	121	106	12	182	67
3350 - 3400	-3	104	-28	11	110	98	8	214	37
3300 - 3350	-8	157	-49	14	207	69	7	365	18
3250 - 3300	-39	455	-85	33	388	85	-6	843	-7
3200 - 3250	-139	694	-201	17	206	82	-123	901	-136
3150 - 3200	-407	946	-430	13	175	73	-394	1121	-352
3100 - 3150	-727	1149	-633	2	58	38	-725	1207	-601
3050 - 3100	-1172	1048	-1118	0	19	20	-1171	1068	-1097
3000 - 3050	-1474	924	-1595	0	4	4	-1474	928	-1588
2950 - 3000	-1265	572	-2211	0	0	0	-1265	572	-2211
2900 - 2950	-1110	397	-2792	0	0	0	-1110	397	-2792
2850 - 2900	-433	137	-3168	0	0	0	-433	137	-3168
2800 - 2850	-218	61	-3549	0	0	0	-218	61	-3549
2750 - 2800	-16	5	-3531	0	0	0	-16	5	-3531
<2750									
<b>S, M</b>	<b>-7011</b>	<b>6744</b>	<b>-1040</b>	<b>126</b>	<b>1428</b>	<b>88</b>	<b>-6886</b>	<b>8172</b>	<b>-843</b>



# Kumulative Massenbilanz Vernagtferner 1964 - 2008

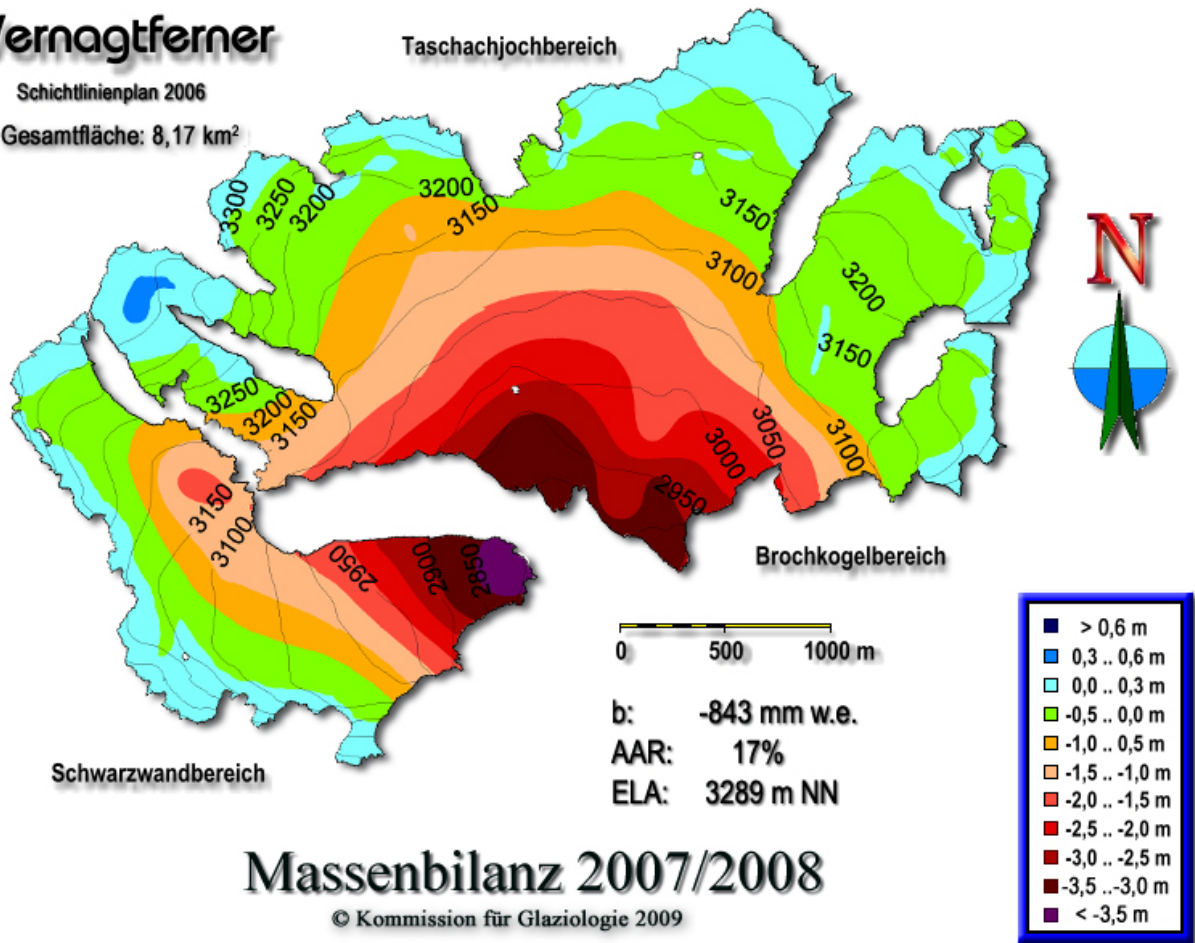




# Vernagtferner

Schichtlinienplan 2006

Gesamtfläche: 8,17 km<sup>2</sup>



## Kenngrößen Massenbilanz Vernagtferner 2007/2008:

b: -843 [mm]  
 AAR: 17 [%]  
 ELA: 3289 [m NN]

## Herausgeber

Kommission für Glaziologie der Bayerischen Akademie der Wissenschaften

Alfons-Goppel-Str. 11  
 80539 München

☎ 089 23031 1195

www.Glaziologie.de