

Summits on the Air

# German Alps (DL)

## Association Reference Manual



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Authorized	SOTA Management Team
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## 1. Change Control

Date	Version	Details
27.12.2003	1.0	First draft of the Association Reference Manual (ARM)
18.01.2004	1.0.5	English translation
12.02.2004	1.1	Reference Number S 11.1 was assigned; personal copyrights were deleted; a new structure for the regions was implemented
10.03.2004	1.2	Region Estergebirge / Walchensee (EW): summits from EW-027 to EW-056 were added
27.04.2004	1.2	Region Wettersteingebirge (WS): summits from WS-040 to WS-100 were added
28.04.2004	1.2	Region Ammergauer Alpen (AM): summits from AM-062 to AM-174 were added
29.04.2004	1.2	Region Benediktenwandgruppe (BE): summits from BE-023 to BE-091 were added
20.05.2004	1.2	Region Allgäuer Alpen (AL): summits from AL-185 to AL-270 were added
08.07.2004	1.3	Region Allgäuer Alpen (AL): AL-250 was removed because of AL-224
01.02.2009	2.0	Complete review of the referenced summits according to the P100 rule; 397 summits were referenced; the ARM was completely revised
01.08.2011	2.1	<p>45 new summits were added valid from 1 August 2011; altogether 442 summits were referenced;</p> <p>The definition of a valid summit:</p> <ol style="list-style-type: none"> <li>1. <i>the summit and its name should be registered on the map TOP50 Bayern Süd;</i></li> <li>2. <i>a minimum relative height (so-called prominence) of 100m for the summit has to be guaranteed according to the TOP50 Bayern Süd.</i></li> </ol> <p>was changed to:</p> <ul style="list-style-type: none"> <li>• <i>relative height (so-called prominence) of min. 100m or more for the summit has to be guaranteed according to the TOP50 Bayern Süd.</i></li> </ul>

## 2. Association Reference Data

The SOTA Association German Alps (DL) covers the Bavarian Alps as well as the foothills southwards of the Danube River from around 700m ASL and upwards. The association area is mainly contained within the State of Bavaria and bounded by the Constance Lake in the west and the Salzach River in the east. The southern boundary is naturally represented by the German-Austrian border, and the northern one runs along a line passing through the towns of Lindau, Memmingen, Landsberg am Lech, München, Rosenheim, Traunstein and Freilassing.

The association German Alps (DL) includes altogether nine regions or mountain ranges which are naturally subdivided by rivers, lakes and valleys. The table below summarizes the mountain ranges from west to east.

Region	Abbr.	Regional Area	Status
Allgäuer Alpen	AL	From the Constance Lake to the Lech River	active
Ammergauer Alpen	AM	Between the Lech River and the Loisach River	active
Wettersteingebirge	WS	Between the Loisach River and the Isar River	active
Karwendelgebirge	KW	Between the Isar River and Achenbach River	active
Estergebirge / Walchenseeberge	EW	Between the Loisach River and the Walchensee	active
Benediktenwandgruppe	BE	Between the Walchensee and the Isar River	active
Mangfallgebirge	MF	Between the Isar River and the Inn River	active
Chiemgauer Alpen	CG	Between the Inn River and the Saalach River	active
Berchtesgadener Alpen	BG	Between the Saalach River and the Salzach River	active

More information about the SOTA association German Alps (DL) and various useful links can be found on the association web site at [www.sota-dl-alpen.de](http://www.sota-dl-alpen.de)

The official map of the association is the TOP50 Bayern Süd supplied in electronic and printed forms by the Bayerische Vermessungsverwaltung ([www.lvg.bayern.de](http://www.lvg.bayern.de)). The coordinates, absolute and relative heights of the referenced summits are defined by means of this map having a scale of 1:50000. The more detailed TOP25 Bayern Süd map (1:25000) and maps from the Deutscher Alpenverein e.V. ([www.alpenverein.de](http://www.alpenverein.de)) for high alpine ranges and for expedition planning are strictly recommended.

The online versions of the TOP50/25/10 Bayern maps can be found on the web site of the Bayerische Vermessungsverwaltung at [www.geodaten.bayern.de/BayernViewer/](http://www.geodaten.bayern.de/BayernViewer/)

A summit may be referenced in the ARM only if it fulfils the following criteria:

- relative height (so-called prominence) of min. 100m or more for the summit has to be guaranteed according to the TOP50 Bayern Süd.

There are currently 442 summits qualified for SOTA and referenced in the manual.

The present ARM should be supplemented by the SOTA General Rules (Document Reference S0.1) and the Guidelines for Activators (Document Reference S0.1) which can be downloaded at [www.sota.org.uk](http://www.sota.org.uk)

Parameter	German Alps (DL)
Commencement date	01.March 2004
Association parameters	Definition according to the SOTA General Rules and the ARM German Alps (DL)
Regions	9 Regions: DL/AL, DL/AM, DL/WS, DL/KW, DL/EW, DL/BE, DL/MF, DL/CG, DL/BG
Operating criteria	Operating within 100m from a summit is allowed
Band 1, <i>score 1 point</i>	< 1000 m ASL
Band 2, <i>score 2 points</i>	>= 1000 m, < 1200 m ASL
Band 3, <i>score 4 points</i>	>= 1200 m, < 1500 m ASL
Band 4, <i>score 6 points</i>	>= 1500 m, < 1800 m ASL
Band 5, <i>score 8 points</i>	>= 1800 m, < 2200 m ASL
Band 6, <i>score 10 points</i>	>= 2200 m, ASL
Seasonal bonus	Yes (3 points for activators and no points for chasers)
Bonus rationale	Winter period with highest probability of sub-zero temperatures
Minimum height for bonus	800 m ASL
Bonus period date	1 December to 31 March
Association award program	Yes (see the association web site for more information) <a href="http://www.sota-dl-alpen.de">www.sota-dl-alpen.de</a>
Association manager	Dzianis Lukashevich DD1LD, <a href="mailto:dd1ld@gmx.de">dd1ld@gmx.de</a>

**Association Safety Notes.** Hiking, hill walking and mountain climbing are potentially dangerous activities. The SOTA management team and the SOTA Association German Alps (DL) assume no responsibility for accidents. Each participant does so at his or her own risk, and must decide, on the basis of their own ability, whether an objective is achievable. The listing of a summit in the reference does not mean that it is easy to reach, and it is always worth seeking local advice for all but the simplest of expeditions. Emergency phone number is 112.

### 3. Summit Reference Data

Currently there are **442 summits** referenced in the ARM and qualified for the participation in the SOTA program. The summit lists do not claim to be complete, and any summit qualified for admission to the SOTA program can be included in the ARM later. Any suggestions should be addressed to the association manager and/or one of the regional managers.

#### 3.1 Region Reference Allgäuer Alpen (AL)

Association	German Alps (DL)
Commencement date	1 March 2004
Region	Allgäuer Alpen (AL)
Regional Manager	Bernhard Wittek DL4CW <a href="mailto:dl4cw@qsl.net">dl4cw@qsl.net</a>
Reference	TOP 50 Bayern Süd
Notes	The vanished references down to AL-271 mean that these summits were valid till 1 January 2009

##### 3.1.1 Regional Information

The Allgäu Alps (German: Allgäuer Alpen) is one of the most popular and highest mountain groups of the Northern Limestone Alps. Though mainly considered a German part of the Alps the Allgäu Alps on their southern side stretch out into Austria and about two fifth of the range are on Austrian territory. To the south and east the valleys of the Lech and Bregenzer Ach Rivers form the border, to the north the Vils and Konstanzer Ach do the same. To the west the boundary is a bit fuzzy as the mountains there are rather low and the valleys not profound. The border here would be an imagined line between the town of Bad Oberstaufen in the north and Au to the south.

##### 3.1.2 Regional Maps

Bayerisches Landesvermessungsamt München:

Topographische Karte 1:50000	L8726	Einödsbach
Topographische Karte 1:50000	L8728	Hochvogel
Topographische Karte 1:50000	L8524	Lindau
Topographische Karte 1:50000	L8526	Immenstadt
Topographische Karte 1:50000	L8528	Hindelang
Topographische Karte 1:50000	L8530	Füssen

##### 3.1.3 Table of Summits Allgäuer Alpen (AL)

Ref	Alt (m)	Name	Long (E)	Lat (N)	Loc.	Valid (fr)	Score
AL-001	2599	Biberkopf	10°13'56"	47°16'13"	JN57CG	1. Mar 04	10
AL-003	2425	Hochrappenkopf	10°14'44"	47°16'49"	JN57CG	1. Mar 04	10
AL-004	2468	Rappenseekopf	10°15'16"	47°16'52"	JN57DG	1. Mar 04	10
AL-005	2460	Hochgundspitze	10°15'45"	47°17'04"	JN57DG	1. Mar 04	10
AL-006	2485	Rotgundspitze	10°15'56"	47°17'16"	JN57DG	1. Mar 04	10
AL-009	2609	Bockkarkopf	10°17'15"	47°17'31"	JN57DH	1. Mar 04	10
AL-010	2649	Hochfrottspitze	10°17'35"	47°17'49"	JN57DH	1. Mar 04	10
AL-011	2645	Maedelegabel	10°17'44"	47°17'59"	JN57DH	1. Mar 04	10
AL-012	2596	Trettachspitze	10°17'44"	47°18'13"	JN57DH	1. Mar 04	10

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AL-013	2428	Kratzer	10°19'04"	47°18'23"	JN57DH	1. Mar 04	10
AL-015	2575	Oefnerspitze	10°20'55"	47°19'02"	JN57EH	1. Mar 04	10
AL-018	1960	Kegelkopf	10°19'36"	47°21'19"	JN57DI	1. Mar 04	8
AL-019	2375	Kreuzeck	10°21'24"	47°20'13"	JN57EI	1. Mar 04	10
AL-020	2384	Rauheck	10°22'05"	47°20'40"	JN57EI	1. Mar 04	10
AL-021	2232	Jochspitze	10°23'00"	47°21'15"	JN57EI	1. Mar 04	10
AL-024	2309	Kleiner Wilder	10°23'10"	47°21'46"	JN57EI	1. Mar 04	10
AL-025	2379	Grosser Wilder	10°23'20"	47°22'12"	JN57EI	1. Mar 04	10
AL-030	2593	Hochvogel	10°26'12"	47°22'50"	JN57FJ	1. Mar 04	10
AL-031	2314	Fuchskarspitze	10°25'45"	47°23'27"	JN57FJ	1. Mar 04	10
AL-033	2271	Glasfelderkopf	10°25'53"	47°24'10"	JN57FJ	1. Mar 04	10
AL-036	2069	Schaenzlekopf	10°27'09"	47°25'04"	JN57FK	1. Mar 04	8
AL-038	2121	Lahnerkopf	10°27'46"	47°25'45"	JN57FK	1. Mar 04	8
AL-040	2134	Kaelbelespitze	10°28'31"	47°25'53"	JN57FK	1. Mar 04	8
AL-044	2126	Kugelhorn	10°28'13"	47°26'54"	JN57FK	1. Mar 04	8
AL-045	2240	Rauhorn	10°28'04"	47°27'30"	JN57FL	1. Mar 04	10
AL-046	2050	Ponten	10°27'04"	47°29'08"	JN57FL	1. Mar 04	8
AL-047	1996	Bschiesser	10°26'26"	47°29'16"	JN57FL	1. Mar 04	8
AL-049	1908	Kuehgundkopf	10°25'52"	47°30'14"	JN57FM	1. Mar 04	8
AL-052	1955	Hint. Wildgundkopf	10°17'14"	47°20'22"	JN57DI	1. Mar 04	8
AL-054	1791	Himmelschrofen	10°16'57"	47°21'51"	JN57DI	1. Mar 04	6
AL-055	2269	Hoefats	10°20'57"	47°22'02"	JN57EI	1. Mar 04	10
AL-056	2073	Kleine Hoefats	10°21'16"	47°22'05"	JN57EI	1. Mar 04	8
AL-060	1748	Riffenkopf	10°19'02"	47°22'45"	JN57DJ	1. Mar 04	6
AL-061	2269	Schneck	10°22'54"	47°23'05"	JN57EJ	1. Mar 04	10
AL-068	2111	Lachenkopf	10°22'18"	47°23'42"	JN57EJ	1. Mar 04	8
AL-069	2100	Schochen	10°21'38"	47°23'39"	JN57EJ	1. Mar 04	8
AL-076	2235	Wengenkopf	10°20'59"	47°25'23"	JN57EK	1. Mar 04	10
AL-077	2280	Grosser Daumen	10°22'33"	47°26'28"	JN57EK	1. Mar 04	10
AL-079	2033	Rotspitze	10°22'09"	47°27'34"	JN57EL	1. Mar 04	8
AL-081	2043	Entschenkopf	10°19'52"	47°26'12"	JN57DK	1. Mar 04	8
AL-082	1833	Schnippenkopf	10°19'38"	47°27'03"	JN57DK	1. Mar 04	8
AL-086	1656	Imberger Horn	10°21'24"	47°29'03"	JN57EL	1. Mar 04	6
AL-087	2367	Geishorn	10°10'31"	47°17'16"	JN57CG	1. Mar 04	10
AL-092	2321	Schafalpenkopf	10°13'00"	47°18'38"	JN57CH	1. Mar 04	10
AL-093	2258	Suedl.Hammerspitze	10°12'34"	47°19'10"	JN57CH	1. Mar 04	10
AL-097	2037	Fellhorn	10°13'04"	47°21'02"	JN57CI	1. Mar 04	8
AL-100	2230	Hoher Ifen	10°05'59"	47°21'15"	JN57BI	1. Mar 04	10
AL-101	2035	Ob.Gottesackerwand	10°06'57"	47°22'36"	JN57BJ	1. Mar 04	8
AL-104	1560	Kackenkoepfe	10°11'12"	47°23'56"	JN57CJ	1. Mar 04	6
AL-105	1679	Besler	10°11'17"	47°25'31"	JN57CK	1. Mar 04	6
AL-107	1630	Piesenkopf	10°07'58"	47°24'58"	JN57BJ	1. Mar 04	6
AL-108	1787	Riedberger Horn	10°09'33"	47°27'05"	JN57BK	1. Mar 04	6
AL-109	1712	Wannenkopf	10°11'32"	47°26'53"	JN57CK	1. Mar 04	6
AL-110	1662	Ochsenkopf	10°10'50"	47°27'50"	JN57CL	1. Mar 04	6
AL-111	1665	Weihkopf	10°12'04"	47°27'54"	JN57CL	1. Mar 04	6
AL-115	1669	Bleicher Horn	10°08'25"	47°28'12"	JN57BL	1. Mar 04	6
AL-118	1746	Siplingerkopf	10°07'33"	47°28'49"	JN57BL	1. Mar 04	6
AL-123	1552	Hochschelpen	10°06'33"	47°26'03"	JN57BK	1. Mar 04	6
AL-127	1749	Stuiben	10°09'40"	47°31'02"	JN57BM	1. Mar 04	6

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AL-129	1772	Buralpkopf	10°07'52"	47°30'41"	JN57BM	1. Mar 04	6
AL-131	1822	Rindalphorn	10°06'28"	47°30'18"	JN57BM	1. Mar 04	8
AL-132	1833	Hochgrat	10°04'43"	47°29'43"	JN57AL	1. Mar 04	8
AL-137	1565	Hochhaedrich	10°00'11"	47°28'54"	JN57AL	1. Mar 04	6
AL-138	1490	Immenstaedter Horn	10°11'13"	47°33'13"	JN57CN	1. Mar 04	4
AL-142	1254	Salmaser Hoehe	10°05'29"	47°34'15"	JN57BN	1. Mar 04	4
AL-144	1032	Staufen	10°02'10"	47°33'16"	JN57AN	1. Mar 04	2
AL-145	1242	Hauchenberg	10°10'23"	47°37'28"	JN57BO	1. Mar 04	4
AL-146	1106	Sonneneck	10°09'25"	47°39'42"	JN57BP	1. Mar 04	2
AL-148	1069	Riedberger Kugel	10°03'48"	47°38'15"	JN57AP	1. Mar 04	2
AL-149	1072	Blender	10°13'31"	47°43'45"	JN57CR	1. Mar 04	2
AL-150	1738	Gruenten	10°19'11"	47°33'17"	JN57DN	1. Mar 04	6
AL-151	1684	Wertacher Hoernle	10°23'23"	47°32'46"	JN57EN	1. Mar 04	6
AL-153	1651	Spießler	10°23'01"	47°31'35"	JN57EM	1. Mar 04	6
AL-157	1985	Aggenstein	10°33'26"	47°32'13"	JN57GM	1. Mar 04	8
AL-158	1838	Breitenberg	10°33'08"	47°32'54"	JN57GN	1. Mar 04	8
AL-159	1688	Schoenkahler	10°29'19"	47°32'25"	JN57FM	1. Mar 04	6
AL-160	1635	Sorgschrofen	10°27'15"	47°33'21"	JN57FN	1. Mar 04	6
AL-161	1630	Edelsberg	10°29'47"	47°35'31"	JN57FO	1. Mar 04	6
AL-163	1542	Reuterwanne	10°27'36"	47°35'25"	JN57FO	1. Mar 04	6
AL-164	1535	Kienberg	10°30'50"	47°33'58"	JN57GN	1. Mar 04	6
AL-166	1287	Zwoelferkopf	10°36'19"	47°34'01"	JN57HN	1. Mar 04	4
AL-167	1267	Falkenstein	10°35'28"	47°34'10"	JN57HN	1. Mar 04	4
AL-169	1055	Auerberg	10°44'09"	47°44'08"	JN57IR	1. Mar 04	2
AL-170	1055	Zwieselberg	10°41'28"	47°38'36"	JN57IP	1. Mar 04	2
AL-171	1055	Eisenberg	10°35'24"	47°36'46"	JN57HO	1. Mar 04	2
AL-172	1047	Senkelekopf	10°39'30"	47°38'08"	JN57HP	1. Mar 04	2
AL-179	967	Weichberg	10°46'16"	47°46'22"	JN57JS	1. Mar 04	1
AL-181	1150	Burgkranzegger Horn	10°24'25"	47°37'48"	JN57EP	1. Mar 04	2
AL-190	1822	Rosskopf	10°25'57"	47°25'43"	JN57FK	1. Jul 04	8
AL-197	1282	Engenkopf	10°13'13"	47°23'38"	JN57CJ	1. Jul 04	4
AL-206	1179	Ochsenberg	10°14'58"	47°25'40"	JN57CK	1. Jul 04	2
AL-229	2159	Griessgundkopf	10°14'23"	47°19'25"	JN57CG	1. Jul 04	8
AL-258	1481	Am roten Kopf	10°10'35"	47°32'29"	JN57CM	1. Jul 04	4
AL-267	1126	Ochsenberg	10°05'54"	47°36'03"	JN57BO	1. Jul 04	2
AL-271	1116	Auf dem Falken	10°17'35"	47°35'29"	JN57DO	1. Jan 09	2
AL-272	843	Altringenberg	10°01'42'	47°39'43"	JN57AQ	1. Aug 11	1
AL-273	918	Laubenberg	10°01'24"	47°37'12"	JN57AO	1. Aug 11	1
AL-274	1012	Fernberg	10°02'48"	47°35'59"	JN57AO	1. Aug 11	2
AL-275	981	Gehaeuenholz	09°59'15"	47°33'55"	JN47XN	1. Aug 11	1
AL-276	998	Attensberg	10°00'15"	47°33'00"	JN57AN	1. Aug 11	1
AL-277	1040	Auf dem Hochstraess	09°56'64"	47°31'60"	JN47XM	1. Aug 11	2
AL-278	1341	Fluh	10°00'19"	47°30'26"	JN57AM	1. Aug 11	4
AL-279	1913	Gruener	10°12'33"	47°16'34"	JN57CG	1. Aug 11	8
AL-280	1491	Eckhalde	10°08'35"	47°32'34"	JN57BN	1. Aug 11	4
AL-281	1127	Ursersberg	10°11'11"	47°42'50"	JN57CR	1. Aug 11	2
AL-282	913	Steig	10°23'10"	47°47'41"	JN57ET	1. Aug 11	1
AL-283	1026	Vilser Berg	10°39'21"	47°33'33"	JN57HN	1. Aug 11	2



## 3.2 Region Reference Ammergauer Alpen (AM)

Association	German Alps (DL)
Commencement date	1 March 2004
Region	Ammergauer Alpen (AM)
Regional Manager	Joachim Hofmann DK3HJ <a href="mailto:joachim@jus-hofmann.de">joachim@jus-hofmann.de</a>
Reference	TOP 50 Bayern Süd
Notes	The vanished references down to AM-175 mean that these summits were valid till 1 January 2009

### 3.2.1 Regional Information

The area of the Ammergau Alps (German: Ammergauer Alpen) is one of the largest nature preserve in Germany and is a very remote mountain range. The region is more an insider tip for nature enthusiasts looking for a quiet place to hike, climb and bike. The Ammergau Alps are a front range group in the Northern Limestone Alps and are situated between the Zugspitze and the Neuschwanstein Castle in the heart of the Bavarian Alps. A reason for not being overrun by thousands of people is the limited access by public roads and highways as well as mechanical transportation like lifts and cable cars. Only one road is going through its heart, the Plansee road between Oberammergau and Reutte.

### 3.2.2 Regional Maps

Bayerisches Landesvermessungsamt München:

Topographische Karte 1:50000	L8530	Füssen
Topographische Karte 1:50000	L8532	Garmisch-Partenkirchen
Topographische Karte 1:50000	L8330	Peiting

### 3.2.3 Table of Summits Ammergauer Alpen (AM)

Ref	Alt (m)	Name	Long (E)	Lat (N)	Loc.	Valid (fr)	Score
AM-001	988	Peissenberg	11°00'46"	47°48'03"	JN57MT	1. Mar 04	1
AM-002	1638	Hohe Bleick	10°54'27"	47°37'48"	JN57KP	1. Mar 04	6
AM-003	1526	Wolfskopf	10°52'03"	47°37'52"	JN57KP	1. Mar 04	6
AM-004	1341	Kofel	11°03'34"	47°35'12"	JN57MO	1. Mar 04	4
AM-006	1622	Sonnenberg	11°00'59"	47°35'03"	JN57MO	1. Mar 04	6
AM-008	1755	Teufelstaettkopf	10°59'13"	47°35'15"	JN57LO	1. Mar 04	6
AM-009	1768	Hennenkopf	10°57'38"	47°35'10"	JN57LO	1. Mar 04	6
AM-012	1924	Grosse Klammspitz	10°54'27"	47°34'49"	JN57KN	1. Mar 04	8
AM-014	1867	Feigenkopf	10°53'28"	47°34'46"	JN57KN	1. Mar 04	8
AM-015	1847	Grubenkopf	10°52'08"	47°34'43"	JN57KN	1. Mar 04	8
AM-017	1926	Scheinbergspitze	10°53'16"	47°33'18"	JN57KN	1. Mar 04	8
AM-018	1827	Vorderscheinberg	10°52'04"	47°33'51"	JN57KN	1. Mar 04	8
AM-022	2082	Hochplatte	10°50'31"	47°33'08"	JN57KN	1. Mar 04	8
AM-025	2010	Kraehe	10°49'32"	47°33'11"	JN57JN	1. Mar 04	8
AM-027	1918	Gumpenkar Spitze	10°49'41"	47°33'31"	JN57JN	1. Mar 04	8
AM-028	1881	Geiselstein	10°49'48"	47°33'43"	JN57JN	1. Mar 04	8
AM-029	1933	Hoher Straussberg	10°47'40"	47°32'38"	JN57JN	1. Mar 04	8
AM-030	1784	Ahornspitze	10°47'54"	47°33'11"	JN57JN	1. Mar 04	6
AM-031	1880	Branderschrofen	10°47'14"	47°33'35"	JN57JN	1. Mar 04	8
AM-033	1707	Schoenleitenschrofen	10°48'32"	47°34'18"	JN57JN	1. Mar 04	6

AM-034	2047	Saeuling	10°45'14"	47°32'06"	JN57JM	1. Mar 04	8
AM-039	1909	Kreuzkopf	10°48'47"	47°31'13"	JN57JM	1. Mar 04	8
AM-040	1905	Ochsenaelpeleskopf	10°48'51"	47°31'39"	JN57JM	1. Mar 04	8
AM-043	2185	Kreuzspitze	10°55'04"	47°31'35"	JN57LM	1. Mar 04	8
AM-045	2053	Frieder	10°57'41"	47°31'23"	JN57LM	1. Mar 04	8
AM-046	2053	Schellschlicht	10°54'59"	47°30'33"	JN57KM	1. Mar 04	8
AM-048	1832	Schellkopf	10°53'18"	47°29'50"	JN57KL	1. Mar 04	8
AM-049	1888	Notkar Spitze	11°03'19"	47°33'13"	JN57MN	1. Mar 04	8
AM-051	1928	Vorderer Felderkopf	11°01'46"	47°31'49"	JN57MM	1. Mar 04	8
AM-052	1953	Kienjoch	10°59'56"	47°32'27"	JN57LM	1. Mar 04	8
AM-055	1934	Hirschbuehel	11°00'43"	47°30'52"	JN57MM	1. Mar 04	8
AM-056	1985	Kramerspitz	11°02'50"	47°30'26"	JN57MM	1. Mar 04	8
AM-057	1864	Hoher Ziegspitz	11°00'12"	47°30'06"	JN57MM	1. Mar 04	8
AM-058	1548	Hinteres Hoernle	11°04'28"	47°38'20"	JN57MP	1. Mar 04	6
AM-060	1686	Laber	11°06'12"	47°35'09"	JN57NO	1. Mar 04	6
AM-071	1542	Grosser Aufacker	11°05'51"	47°36'50"	JN57NO	1. Jul 04	6
AM-093	1466	Grosser Laber	11°07'08"	47°34'40"	JN57NN	1. Jul 04	4
AM-104	1395	Hochschergen	10°59'32"	47°37'49"	JN57LP	1. Jul 04	4
AM-105	1541	Hochwildfeuerberg	10°56'21"	47°38'02"	JN57LP	1. Jul 04	6
AM-112	1861	Jochberg	10°45'44"	47°31'22"	JN57JM	1. Jul 04	8
AM-118	2089	Kreuzspitzl	10°55'02"	47°31'06"	JN57LM	1. Jul 04	8
AM-122	1758	Laubeneck	10°58'47"	47°35'15"	JN57LO	1. Jul 04	6
AM-134	1173	Ofenberg	10°57'29"	47°29'06"	JN57LL	1. Jul 04	2
AM-151	1380	Schafkopf	11°05'26"	47°32'39"	JN57NN	1. Jul 04	4
AM-156	1012	Schneidberg	10°54'25"	47°39'45"	JN57KP	1. Jul 04	2
AM-160	1684	Schwarzenkopf	10°52'56"	47°35'19"	JN57KO	1. Jul 04	6
AM-175	996	Kienberg	10°42'43"	47°33'45"	JN57IN	1. Aug 11	1
AM-176	958	Rentschen	10°54'34"	47°42'55"	JN57KR	1. Aug 11	1
AM-177	949	Kirnberg	11°01'53"	47°43'39"	JN57MR	1. Aug 11	1
AM-178	901	Ammerleite	10°58'02"	47°45'56"	JN57LS	1. Aug 11	1
AM-179	956	Hoehenberg	11°09'35"	47°34'54"	JN57NN	1. Aug 11	1
AM-180	760	Berndorfer Buchet	11°13'08"	47°55'01"	JN57OW	1. Aug 11	1

### 3.3 Region Reference Wettersteingebirge (WS)

Association	German Alps (DL)
Commencement date	01.March 2004
Region	Wettersteingebirge (WS)
Regional Manager	Joachim Hofmann DK3HJ <a href="mailto:joachim@jus-hofmann.de">joachim@jus-hofmann.de</a>
Reference	TOP 50 Bayern Süd
Notes	The vanished references down to WS-101 mean that these summits were valid to 1 January 2009

#### 3.3.1 Regional Information

This small mountain range in the Northern Limestone Alps is the home of the Germany's highest mountain – the Zugspitze (2962m). Garmisch Partenkirchen and Mittenwald at its northern and eastern sides are well known and easily accessible towns. Seefeld in Tirol and Ehrwald represent the southern boundary. The Wetterstein range is located between the

Ammergau and Lechtal Alps to the west, the Karwendel range to the east and the Mieming chain to the south.

### 3.3.2 Regional Maps

Bayerisches Landesvermessungsamt München:

Topographische Karte 1:50000

L8530

Füssen

Topographische Karte 1:50000

L8532

Garmisch-Partenkirchen

### 3.3.3 Table of Summits Wettersteingebirge (WS)

Ref	Alt (m)	Name	Long (E)	Lat (N)	Loc.	Valid (fr)	Score
WS-001	2962	Zugspitze	10°59'10"	47°25'16"	JN57LK	1. Mar 04	10
WS-003	2875	Schneefernerkopf	10°58'12"	47°24'34"	JN57LJ	1. Mar 04	10
WS-006	2680	Plattspitzen	10°59'16"	47°23'45"	JN57LJ	1. Mar 04	10
WS-011	2262	Riffelspitzen	11°00'16"	47°26'14"	JN57MK	1. Mar 04	10
WS-012	2264	Schoenangerspitze	11°00'45"	47°26'32"	JN57MK	1. Mar 04	10
WS-013	2277	Grosser Waxenstein	11°01'24"	47°26'46"	JN57MK	1. Mar 04	10
WS-016	2741	Innere Hoellentalspitze	11°00'38"	47°25'06"	JN57MK	1. Mar 04	10
WS-017	2743	Mittlere Hoellentalspitze	11°01'10"	47°25'13"	JN57MK	1. Mar 04	10
WS-020	2707	Hochblassen	11°02'33"	47°25'23"	JN57MK	1. Mar 04	10
WS-021	2288	Hoher Gaif	11°03'48"	47°25'20"	JN57MK	1. Mar 04	10
WS-022	2629	Alpspitze	11°02'52"	47°25'46"	JN57MK	1. Mar 04	10
WS-024	2744	Hochwanner	11°03'18"	47°23'45"	JN57MJ	1. Mar 04	10
WS-025	2670	Hinterreintalschrofen	11°04'33"	47°23'46"	JN57MJ	1. Mar 04	10
WS-026	2440	Oberreintalschrofen	11°06'14"	47°23'44"	JN57NJ	1. Mar 04	10
WS-027	2463	Scharnitzspitze	11°06'43"	47°23'44"	JN57NJ	1. Mar 04	10
WS-029	2673	Leutascher Dreitorspitze	11°07'27"	47°24'01"	JN57NJ	1. Mar 04	10
WS-031	2476	Musterstein	11°08'25"	47°24'50"	JN57NJ	1. Mar 04	10
WS-032	2482	Wettersteinwand	11°09'59"	47°25'20"	JN57NK	1. Mar 04	10
WS-036	2196	Grosse Arnspitze	11°13'21"	47°23'50"	JN57OJ	1. Mar 04	8
WS-037	1719	Kreuzjoch	11°04'42"	47°27'07"	JN57MK	1. Mar 04	6
WS-052	1588	Gruenkopf	11°13'14"	47°25'51"	JN57OK	1. Jul 04	6
WS-058	1391	Hoher Kranzberg	11°13'44"	47°27'05"	JN57OK	1. Jul 04	4
WS-088	1288	Stellwagelskopf	11°09'19"	47°27'24"	JN57NK	1. Jul 04	4
WS-096	1989	Zirbelkopf	11°10'40"	47°25'56"	JN57OK	1. Jul 04	8
WS-101	1304	Wamberg	11°10'09"	47°28'27"	JN57NL	1. Jan 09	4

### 3.4 Region Reference Karwendelgebirge (KW)

Association	German Alps (DL)
Commencement date	01.March 2004
Region	Karwendelgebirge (KW)
Regional Manager	Joachim Hofmann DK3HJ <a href="mailto:joachim@jus-hofmann.de">joachim@jus-hofmann.de</a>
Reference	TOP 50 Bayern Süd
Notes	The vanished references down to KW-041 mean that these summits were valid till 1 January 2009

### 3.4.1 Regional Information

The Karwendel like its neighbours the Wettersteingebirge and Rofangebirge belongs to the Northern Limestone Alps. Mainly composed by various forms of limestone the mountain range is notorious for its brittle rock and its huge scree fields. On the upside erosion created one of the most bizarre mountain ranges outside the Dolomites with huge near-vertical north faces, fine pinnacles and towers as well as fine alpine routes. The borders of the range are well defined by the rivers and passes around it. To the south the range is bounded by the Inn River, to the west by the Isar River and Seefeld Saddle, to the north by the Isar River and to the east by the Achensee Valley. The group consists of four long ridges which all run mainly from west to east. In addition a number of smaller, often horseshoe shaped subgroups are set around it.

### 3.4.2 Regional Maps

Bayerisches Landesvermessungsamt München:

Topographische Karte 1:50000

L8532

Garmisch-Partenkirchen

Topographische Karte 1:50000

L8534

Fall

### 3.4.3 Table of Summits Karwendelgebirge (KW)

Ref	Alt (m)	Name	Long (E)	Lat (N)	Loc.	Valid (fr)	Score
KW-004	2319	Sulzleklammspitze	11°17'32"	47°25'05"	JN57PK	1. Mar 04	10
KW-008	2385	Westl. Karwendelspitze	11°17'56"	47°25'48"	JN57PK	1. Mar 04	10
KW-013	2363	Larchtiefleckspitze	11°18'48"	47°25'50"	JN57PK	1. Mar 04	10
KW-014	2431	Tiefkarspitze	11°19'15"	47°26'16"	JN57PK	1. Mar 04	10
KW-016	2476	Woerner	11°20'17"	47°26'59"	JN57QK	1. Mar 04	10
KW-017	2484	Hochkarspitze	11°21'01"	47°26'51"	JN57QK	1. Mar 04	10
KW-018	2324	Raffelspitze	11°21'53"	47°26'42"	JN57QK	1. Mar 04	10
KW-021	2524	Vogelkarspitze	11°24'40"	47°26'48"	JN57QK	1. Mar 04	10
KW-022	2537	Oestl. Karwendelspitze	11°25'17"	47°26'41"	JN57RK	1. Mar 04	10
KW-023	2019	Steinkarspitze	11°24'48"	47°27'17"	JN57QK	1. Mar 04	8
KW-024	2050	Schoettelkarspitze	11°19'47"	47°29'38"	JN57PL	1. Mar 04	8
KW-029	2259	Soiernspitze	11°21'25"	47°28'53"	JN57QL	1. Mar 04	10
KW-030	2110	Krapfenkarspitze	11°22'15"	47°29'34"	JN57QL	1. Mar 04	8
KW-035	2101	Schafreiter	11°29'15"	47°30'32"	JN57RM	1. Mar 04	8
KW-036	1908	Stierjoch	11°31'07"	47°30'39"	JN57SM	1. Mar 04	8
KW-037	1688	Laerchkogel	11°33'43"	47°30'51"	JN57SM	1. Mar 04	6
KW-038	1923	Demeljoch	11°35'09"	47°32'46"	JN57TN	1. Mar 04	8
KW-041	1783	Hoher Grasberg	11°21'22"	47°31'19"	JN57QM	1. Jan 09	6
KW-042	1546	Pfetterkopf	11°23'14"	47°32'02"	JN57QM	1. Jan 09	6
KW-043	1766	Kotzen	11°31'10"	47°31'49"	JN57SM	1. Jan 09	6
KW-044	1753	Graskoepfel	11°28'18"	47°32'13"	JN57RM	1. Jan 09	6
KW-045	1131	Rosskopf	11°31'27"	47°33'17"	JN57SN	1. Aug 11	2
KW-046	988	Jaegerbergl	11°33'32"	47°34'41"	JN57SN	1. Aug 11	1

### 3.5 Region Reference Estergebirge / Walchenseeberge (EW)

Association	German Alps (DL)
Commencement date	01.March 2004
Region	Estergebirge / Walchenseeberge (EW)
Regional Manager	Gerd Groos DF9TS <a href="mailto:df9ts.grp@googlemail.com">df9ts.grp@googlemail.com</a>
Reference	TOP 50 Bayern Süd
Notes	The vanished references down to EW-057 mean that these summits were valid till 1 January 2009

#### 3.5.1 Regional Information

The Estergebirge/Walchenseeberge is a small mountain range in the Bavarian Alps. This area is bounded by the road B2 in the west and south, a road between Krün and Kochel in the east, and the Kochler moor in the north. The highest summit is the Krottenkopf (2086 m). The most famous summits are the Herzogstand (1731m) and Heimgarten (1790m) close to the Kochelsee.

#### 3.5.2 Regional Maps

Bayerisches Landesvermessungsamt München:

Topographische Karte 1:50000

L8532

Garmisch-Partenkirchen

Topographische Karte 1:50000

L8332

Murnau

#### 3.5.3 Table of Summits Estergebirge / Walchenseeberge (EW)

Ref	Alt (m)	Name	Long (E)	Lat (N)	Loc.	Valid (fr)	Score
EW-001	1780	Wank	11°08'42"	47°30'27"	JN57NM	1. Mar 04	6
EW-002	1940	Hoher Fricken	11°09'14"	47°31'55"	JN57NM	1. Mar 04	8
EW-003	2033	Bischof	11°10'32"	47°32'25"	JN57OM	1. Mar 04	8
EW-006	2049	Oberer Risskopf	11°11'09"	47°32'55"	JN57ON	1. Mar 04	8
EW-007	2086	Krottenkopf	11°11'29"	47°32'39"	JN57ON	1. Mar 04	8
EW-010	1922	Hohe Kisten	11°12'29"	47°33'40"	JN57ON	1. Mar 04	8
EW-013	1829	Klaffen	11°12'56"	47°32'46"	JN57ON	1. Mar 04	8
EW-015	1836	Simetsberg	11°15'17"	47°33'59"	JN57PN	1. Mar 04	8
EW-017	1659	Hirschberg	11°14'29"	47°36'03"	JN57OO	1. Mar 04	6
EW-019	1400	Roetelstein	11°17'05"	47°37'52"	JN57PP	1. Mar 04	4
EW-020	1518	Rotwandkopf	11°16'52"	47°36'13"	JN57PO	1. Mar 04	6
EW-021	1790	Heimgarten	11°16'50"	47°36'46"	JN57PO	1. Mar 04	6
EW-022	1731	Herzogstand	11°18'31"	47°36'48"	JN57PO	1. Mar 04	6
EW-049	1685	Rotenkopf	11°11'01"	47°30'39"	JN57OM	1. Jul 04	6
EW-057	1360	Bletschertalkopf	11°13'00"	47°30'15"	JN57OM	1. Jan 09	4
EW-058	1204	Sattmannsberg	11°15'09"	47°35'24"	JN57PO	1. Aug 11	4
EW-059	922	Der Stein	11°19'33"	47°38'01"	JN57PP	1. Aug 11	1
EW-060	833	Koenigsbergwald	11°18'39"	47°42'41"	JN57PQ	1. Aug 11	1

### 3.6 Region Reference Benediktenwandgruppe (BE)

Association	German Alps (DL)
Commencement date	01.March 2004
Region	Benediktenwandgruppe (BE)
Regional Manager	Gerd Groos DF9TS <a href="mailto:df9ts.grp@googlemail.com">df9ts.grp@googlemail.com</a>
Reference	TOP 50 Bayern Süd
Notes	The vanished references down to BE-091 mean that these summits were valid till 1 January 2009

#### 3.6.1 Regional Information

The Benediktenwand group (German: Benediktenwandgruppe) is a small low range mountain area between the rivers Loisach and Isar. A line from Wallgau to Sylvensteinstausee, and then to Bad Tölz via Lenggries defines the southern and eastern borders. In the west the area is bounded by the Walchensee and Kochelsee and Benediktbeuren. The most popular summits are the Benediktenwand (the highest summit, 1800 m), Brauneck, Jochberg and Blomberg. Due to the close proximity to Munich, these mountains are quite overcrowded.

#### 3.6.2 Regional Maps

Bayerisches Landesvermessungsamt München:

Topographische Karte 1:50000	L8532	Garmisch-Partenkirchen
Topographische Karte 1:50000	L8332	Murnau
Topographische Karte 1:50000	L8334	Bad Tölz

#### 3.6.3 Table of Summits Benediktenwandgruppe (BE)

Ref	Alt (m)	Name	Long (E)	Lat (N)	Loc.	Valid (fr)	Score
BE-003	1348	Zwieselberg	11°29'22"	47°43'29"	JN57RR	1. Mar 04	4
BE-013	1711	Latschenkopf (1)	11°29'55"	47°39'23"	JN57RP	1. Mar 04	6
BE-015	1709	Achselkoepfe	11°29'08"	47°39'12"	JN57RP	1. Mar 04	6
BE-016	1800	Benediktenwand	11°27'55"	47°39'11"	JN57RP	1. Mar 04	8
BE-017	1496	Glaswand	11°26'15"	47°39'14"	JN57RP	1. Mar 04	4
BE-018	1555	Rabenkopf	11°24'48"	47°39'04"	JN57QP	1. Mar 04	6
BE-019	1513	Hirschhoernlkopf	11°24'25"	47°37'40"	JN57QP	1. Mar 04	6
BE-020	1328	Altlicher Hochkopf	11°21'29"	47°33'19"	JN57QN	1. Mar 04	4
BE-021	1532	Staffel	11°28'08"	47°35'11"	JN57RO	1. Mar 04	6
BE-022	1374	Hoher Zwiesler	11°32'27"	47°36'06"	JN57SO	1. Mar 04	4
BE-028	1152	Brandkopf	11°31'26"	47°36'48"	JN57SO	1. Jul 04	2
BE-030	1102	Brunnenberg	11°27'45"	47°36'30"	JN57RO	1. Jul 04	2
BE-032	1225	Buchenauer Kopf	11°28'01"	47°41'35"	JN57RQ	1. Jul 04	4
BE-039	1164	Fischberg	11°23'32"	47°36'03"	JN57QO	1. Jul 04	2
BE-044	1321	Hahnberg	11°29'31"	47°38'03"	JN57RP	1. Jul 04	4
BE-048	1348	Risser Hochkopf	11°25'16"	47°33'49"	JN57RN	1. Jul 04	4
BE-049	1184	Hochtannenkopf	11°29'48"	47°42'05"	JN57RQ	1. Jul 04	2
BE-050	1565	Jochberg	11°22'21"	47°37'36"	JN57QP	1. Jul 04	6
BE-063	1488	Latschenkopf (2)	11°27'53"	47°37'55"	JN57RP	1. Jul 04	4
BE-064	1052	Lettnberg	11°32'33"	47°37'17"	JN57SO	1. Jul 04	2
BE-066	1313	Mitterberg	11°23'59"	47°33'52"	JN57QN	1. Jul 04	4

BE-073	1104	Rotwand	11°30'12"	47°36'00"	JN57SO	1. Jul 04	2
BE-076	1145	Schindelberg	11°31'13"	47°34'44"	JN57SN	1. Jul 04	2
BE-083	1366	Spitzberg	11°27'33"	47°34'20"	JN57RN	1. Jul 04	4
BE-084	1273	Talkopf	11°33'44"	47°37'05"	JN57SO	1. Jul 04	4
BE-091	1437	Zwoelferkoepfl	11°25'47"	47°35'02"	JN57RO	1. Jul 04	4
BE-092	1289	Niederskopf	11°30'12"	47°34'36"	JN57SO	1. Jan 09	4
BE-093	858	Buchberg	11°30'23"	47°45'12"	JN57SS	1. Aug 11	1
BE-094	726	Irschenhausen	11°25'40"	47°58'25"	JN57RX	1. Aug 11	1

### 3.7 Region Reference Mangfallgebirge (MF)

Association	German Alps (DL)
Commencement date	01.March 2004
Region	Mangfallgebirge (MF)
Regional Manager	Andreas Schünemann DL2DVE <a href="mailto:dl2dve@dar.c.de">dl2dve@dar.c.de</a>
Reference	TOP 50 Bayern Süd
Notes	The vanished references down to MF-090 mean that these summits were valid to 1 January 2009

#### 3.7.1 Regional Information

The Tegernsee Mountains lie between the rivers Isar and Inn, and together they are known as the Mangfallgebirge. They are often called "Voralpen" or foot hills with woodland and mountain pasture. Nestled within them are the picturesque mountain lakes Tegernsee, Schliersee und Spitzingsee, as well as the Wendelstein area in the east. The main towns are Tegernsee, Rottach-Egern, Schliersee und Oberaudorf. Due to the close proximity to Munich, these mountains are very popular.

#### 3.7.2 Regional Maps

Bayerisches Landesvermessungsamt München:

Topographische Karte 1:50000	L8334	Bad Tölz
Topographische Karte 1:50000	L8336	Miesbach
Topographische Karte 1:50000	L8338	Oberaudorf

#### 3.7.3 Table of Summits Mangfallgebirge (MF)

Ref	Alt (m)	Name	Long (E)	Lat (N)	Loc.	Valid (fr)	Score
MF-001	1491	Geigerstein	11°37'15"	47°40'49"	JN57TQ	1. Mar 04	4
MF-003	1518	Reitstein	11°40'39"	47°35'08"	JN57UO	1. Mar 04	6
MF-006	1564	Fockenstein	11°39'06"	47°41'03"	JN57TQ	1. Mar 04	6
MF-010	1592	Hochplatte	11°40'02"	47°38'27"	JN57UP	1. Mar 04	6
MF-011	1601	Seekarkreuz	11°38'35"	47°39'08"	JN57TP	1. Mar 04	6
MF-013	1607	Auerkamp	11°39'35"	47°39'40"	JN57TP	1. Mar 04	6
MF-016	1617	Platteneck	11°42'42"	47°35'30"	JN57UO	1. Mar 04	6
MF-017	1620	Pfaffenkopf	11°51'06"	47°36'51"	JN57WO	1. Mar 04	6
MF-018	1620	Schoenberg	11°38'30"	47°38'19"	JN57TP	1. Mar 04	6
MF-021	1670	Hirschberg	11°41'46"	47°39'38"	JN57UP	1. Mar 04	6
MF-024	1701	Buchstein	11°40'51"	47°38'02"	JN57UP	1. Mar 04	6
MF-025	1712	Setzberg	11°47'00"	47°39'06"	JN57VP	1. Mar 04	6
MF-026	1722	Wallberg	11°47'48"	47°39'57"	JN57VP	1. Mar 04	6

## Summits on the Air - Association Reference Manual - German Alps (DL)

MF-029	1808	Schinder	11°51'40"	47°36'06"	JN57WO	1. Mar 04	8
MF-030	1826	Risserkogel	11°48'13"	47°38'14"	JN57VP	1. Mar 04	8
MF-031	1862	Halserspitz	11°46'51"	47°35'29"	JN57VO	1. Mar 04	8
MF-033	1334	Grindelalmschneid	11°47'42"	47°43'24"	JN57VR	1. Mar 04	4
MF-034	1449	Baumgartenschneid	11°48'33"	47°42'08"	JN57VQ	1. Mar 04	4
MF-038	1602	Rotkopf	11°51'58"	47°38'55"	JN57WP	1. Mar 04	6
MF-039	1603	Stolzenberg	11°52'20"	47°38'33"	JN57WP	1. Mar 04	6
MF-041	1669	Bodenschneid	11°50'17"	47°40'18"	JN57WQ	1. Mar 04	6
MF-042	1683	Brecherspitz	11°52'15"	47°40'35"	JN57WQ	1. Mar 04	6
MF-044	1538	Seebergkopf	11°59'52"	47°39'52"	JN57XP	1. Mar 04	6
MF-050	1689	Rauhkopf	11°55'15"	47°39'50"	JN57XP	1. Mar 04	6
MF-053	1746	Jaegerkamp	11°54'21"	47°40'24"	JN57WQ	1. Mar 04	6
MF-054	1759	Aiplspitz	11°55'25"	47°40'23"	JN57XQ	1. Mar 04	6
MF-056	1811	Auerspitz	11°56'41"	47°38'37"	JN57XP	1. Mar 04	8
MF-057	1883	Hochmiesing	11°56'23"	47°39'28"	JN57XP	1. Mar 04	8
MF-058	1884	Rotwand	11°56'05"	47°39'00"	JN57XP	1. Mar 04	8
MF-059	1214	Mitterberg	12°07'19"	47°41'22"	JN67BQ	1. Mar 04	4
MF-061	1337	Grosser Riesenkopf	12°06'25"	47°42'30"	JN67CR	1. Mar 04	4
MF-062	1338	Rehleitenskapf	12°06'13"	47°42'09"	JN67CQ	1. Mar 04	4
MF-068	1588	Rotwandlspitz	12°04'57"	47°38'55"	JN67AP	1. Mar 04	6
MF-070	1622	Breitenstein	11°59'14"	47°43'16"	JN57XR	1. Mar 04	6
MF-071	1634	Bruennstein	12°05'35"	47°38'54"	JN67BP	1. Mar 04	6
MF-073	1647	Lechnerkopf	12°02'12"	47°43'06"	JN67AR	1. Mar 04	6
MF-074	1707	Trainsjoch	12°03'15"	47°36'55"	JN67AQ	1. Mar 04	6
MF-075	1720	Wildalpjoch	12°02'07"	47°42'05"	JN67AQ	1. Mar 04	6
MF-079	1838	Wendelstein	12°00'50"	47°42'13"	JN67AQ	1. Mar 04	8
MF-080	1852	Gr. Traithen	12°02'15"	47°38'48"	JN67AP	1. Mar 04	8
MF-082	896	Schwarzer Berg	11°45'00"	47°49'41"	JN 57UT	1. Mar 04	1
MF-090	1188	Schwarzenberg	11°57'57"	47°45'15"	JN 57XS	1. Mar 04	2
MF-091	1117	Sulzberg	12°03'49"	47°44'43"	JN 67AR	1. Mar 04	2
MF-092	1273	Kreuzbergkoepfel	11°48'40"	47°42'41"	JN 57VR	1. Jan 09	4
MF-093	1264	Schliersberg	11°53'19"	47°44'34"	JN 57WR	1. Jan 09	4
MF-094	1330	Rechelkopf	11°37'29"	47°43'20"	JN 57TR	1. Jan 09	4
MF-095	1370	Luckenkopf	11°39'53"	47°42'53"	JN 57TR	1. Jan 09	4
MF-096	1125	Keilkopf	11°36'09"	47°41'43"	JN 57TQ	1. Jan 09	2
MF-097	1278	Schweinberg	11°37'20"	47°41'49"	JN 57TQ	1. Jan 09	4
MF-098	1384	Sattelkopf	11°40'20"	47°41'39"	JN 57UQ	1. Jan 09	4
MF-099	1403	Huder	11°40'24"	47°41'59"	JN 57UQ	1. Jan 09	4
MF-100	1448	Wildbarren	12°08'18"	47°40'52"	JN 67BQ	1. Jan 09	4
MF-101	1226	Hoher Gernbergkopf	11°43'36"	47°36'52"	JN 57UO	1. Jan 09	4
MF-102	1364	Sauruesselkopf	11°39'04"	47°37'22"	JN 57TO	1. Jan 09	4
MF-103	1421	Gerstenrieder Kopf	11°36'13"	47°36'32"	JN 57TO	1. Jan 09	4
MF-104	1444	Filzenkogel	11°42'46"	47°38'45"	JN 57UP	1. Jan 09	4
MF-105	1452	Leonhardstein	11°42'56"	47°38'17"	JN 57UP	1. Jan 09	4
MF-106	1395	Grueneck	11°43'23"	47°37'57"	JN 57UP	1. Jan 09	4
MF-107	1354	Duempfel	12°04'04"	47°41'31"	JN 67AQ	1. Jan 09	4
MF-108	1322	Schortenkopf	12°03'48"	47°42'04"	JN 67AQ	1. Jan 09	4
MF-109	1272	Hirschgeroehrkopf	11°53'22"	47°42'50"	JN 67WR	1. Jan 09	4
MF-110	1210	Breitenberg	11°54'02"	47°43'28"	JN 57WR	1. Jan 09	4
MF-111	1464	Schwarzenkopf	11°54'02"	47°39'29"	JN 57WP	1. Jan 09	4



MF-112	1333	Westerberg	11°50'55"	47°42'10"	JN 57WQ	1. Jan 09	4
MF-113	1240	Sterneck	11°59'45"	47°44'34"	JN 57XR	1. Jan 09	4
MF-114	1273	Farrenpoint	12°02'20"	47°44'35"	JN 67AR	1. Jan 09	4
MF-115	882	Nussberg	12°09'48"	47°37'35"	JN 67BP	1. Jan 09	1
MF-116	892	Muehlbacherberg	12°09'21"	47°38'20"	JN 67BP	1. Jan 09	1
MF-117	1208	Schwarzenberg	12°08'10"	47°38'30"	JN 67BP	1. Jan 09	4
MF-118	1585	Heidwand	12°01'08"	47°42'55"	JN 67AR	1. Jan 09	6
MF-119	1419	Langeckberg	11°48'49"	47°35'56"	JN57VO	1. Jan 09	4
MF-120	1190	Achselkopf	11°37'00"	47°35'23"	JN57TO	1. Aug 11	2
MF-121	1347	Breitenkopf	11°37'59"	47°37'05"	JN57TO	1. Aug 11	4

### 3.8 Region Reference Chiemgauer Alpen (GC)

Association	German Alps (DL)
Commencement date	01.March 2004
Region	Chiemgauer Alpen (CG)
Regional Manager	Dzianis Lukashevich DD1LD <a href="mailto:dd1ld@gmx.de">dd1ld@gmx.de</a>
Reference	TOP 50 Bayern Süd
Notes	The vanished references down to CG-092 mean that these summits were valid till 1 January 2009

#### 3.8.1 Regional Information

The Chiemgau Alps (German: Chiemgauer Alpen) are heavily wooded and stretch between the rivers Inn and Saalach. The highest summit is the Sonntagshorn (1981 m) reaching to just under the 2000 m line. Local places to visit are the towns: Inzell, Ruhpolding, Reit im Winkl, Marquartstein and Aschau, not forgetting Prien am Chiemsee. The Chiemgau mountains offer wonderful views, even from the lower summits, as well as a clear takeoff for VHF and UHF to the north. When the weather is clear it is possible to make out the summits of the Bayerischer Wald with the naked eye. These mountains are also good for rambling, as they have high mountain pasture above the tree line, and most of the summits can be reached without rock climbing skills.

#### 3.8.2 Regional Maps

Bayerisches Landesvermessungsamt München:

Topographische Karte 1:50000	L8338	Oberaudorf
Topographische Karte 1:50000	L8340	Ruhpolding
Topographische Karte 1:50000	L8342	Bad Reichenhall

#### 3.8.3 Table of Summits Chiemgauer Alpen (CG)

Ref	Alt (m)	Name	Long (E)	Lat (N)	Loc.	Valid (fr)	Score
CG-001	1808	Geigelstein	12°20'04"	47°42'27"	JN67EQ	1. Mar 04	8
CG-005	1661	Breitenstein	12°20'17"	47°41'49"	JN67EQ	1. Mar 04	6
CG-014	1664	Hochfelln	12°33'34"	47°45'43"	JN67GS	1. Mar 04	6
CG-015	1594	Haaralmschneid	12°33'38"	47°44'31"	JN67GR	1. Mar 04	6
CG-018	1744	Hochgern	12°30'57"	47°45'02"	JN67GS	1. Mar 04	6
CG-024	1587	Hochplatte	12°24'18"	47°45'04"	JN67ES	1. Mar 04	6
CG-027	1283	Gross Staffen	12°24'41"	47°46'14"	JN67ES	1. Mar 04	4

## Summits on the Air - Association Reference Manual - German Alps (DL)

CG-030	1568	Hochries	12°14'55"	47°44'49"	JN67DR	1. Mar 04	6
CG-031	1565	Zinnenberg	12°15'54"	47°43'57"	JN67DR	1. Mar 04	6
CG-033	1514	Feichteck	12°13'51"	47°44'05"	JN67CR	1. Mar 04	6
CG-037	1449	Riesenberg	12°16'09"	47°45'35"	JN67DS	1. Mar 04	4
CG-039	1398	Kitzstein	12°11'18"	47°43'23"	JN67CR	1. Mar 04	4
CG-041	1365	Kranzhorn	12°11'03"	47°42'02"	JN67CQ	1. Mar 04	4
CG-046	1668	Kampenwand	12°22'04"	47°45'21"	JN67ES	1. Mar 04	6
CG-047	1598	Scheibenwand	12°20'53"	47°45'05"	JN67ES	1. Mar 04	6
CG-051	1398	Gedererwand	12°22'56"	47°46'04"	JN67ES	1. Mar 04	4
CG-053	1123	Haindorfer Berg	12°21'07"	47°46'49"	JN67ES	1. Mar 04	2
CG-055	1691	Gurnwandkopf	12°34'42"	47°42'19"	JN67GQ	1. Mar 04	6
CG-057	1671	Hinterer Rauschberg	12°41'48"	47°43'59"	JN67IR	1. Mar 04	6
CG-059	1603	Zenokopf	12°43'10"	47°44'04"	JN67IR	1. Mar 04	6
CG-062	1488	Eisenberg	12°37'16"	47°43'44"	JN67HR	1. Mar 04	4
CG-065	1227	Zinnkopf (Ruhpolding)	12°40'38"	47°46'52"	JN67IS	1. Mar 04	4
CG-067	1430	Rudersburg	12°22'12"	47°41'05"	JN67EQ	1. Mar 04	4
CG-070	1366	Rauhe-Nadel	12°26'26"	47°41'56"	JN67EQ	1. Mar 04	4
CG-072	1981	Sonntagshorn	12°41'45"	47°40'56"	JN67IQ	1. Mar 04	8
CG-074	1756	Aibleck	12°42'29"	47°41'23"	JN67IQ	1. Mar 04	6
CG-079	1569	Ristfeuchthorn	12°46'53"	47°41'40"	JN67JQ	1. Mar 04	6
CG-080	1596	Spitzstein	12°14'48"	47°42'38"	JN67CR	1. Mar 04	6
CG-082	1776	Duerrnbachhorn	12°36'21"	47°40'24"	JN67HQ	1. Mar 04	6
CG-089	1474	Hochscharten	12°32'14"	47°42'07"	JN67GQ	1. Mar 04	4
CG-090	1415	Rachelspitz	12°31'24"	47°42'33"	JN67GR	1. Mar 04	4
CG-092	1134	Erlbergkopf	12°22'35"	47°46'42"	JN67ES	1. Jan 09	2
CG-093	1076	Aschauer Kopf	12°17'53"	47°46'49"	JN67DS	1. Jan 09	2
CG-094	694	Ratzinger Hoehe	12°18'17"	47°52'41"	JN67DV	1. Jan 09	1
CG-095	1179	Seekopf	12°37'23"	47°42'20"	JN67HQ	1. Jan 09	2
CG-096	1463	Kl. Rechenberg	12°31'04"	47°43'32"	JN67GR	1. Jan 09	4
CG-097	1225	Gruendberg	12°33'40"	47°43'31"	JN67GR	1. Jan 09	4
CG-098	959	Wendelberg	12°46'26"	47°40'30"	JN67JQ	1. Jan 09	1
CG-099	1242	Sondersberg	12°33'26"	47°39'07"	JN67GP	1. Jan 09	4
CG-100	910	Dandlberg	12°10'37"	47°45'59"	JN67CS	1. Jan 09	1
CG-101	820	Sattelberg	12°10'11"	47°45'05"	JN67CS	1. Jan 09	1
CG-102	1327	Teisenbergkopf	12°46'06"	47°48'21"	JN67JS	1. Jan 09	4
CG-103	1181	Falkenstein	12°45'26"	47°44'49"	JN67JS	1. Jan 09	2
CG-104	1135	Kienbergl	12°44'30"	47°44'47"	JN67IR	1. Jan 09	2
CG-105	903	Auer Berg	12°42'01"	47°45'33"	JN67IS	1. Jan 09	1
CG-106	1065	Zeller Berg	12°40'13"	47°45'54"	JN67IS	1. Jan 09	2
CG-107	827	Ullrichshoegl	12°53'59"	47°48'29"	JN67KT	1. Jan 09	1
CG-108	1895	Hirschcheck	12°41'02"	47°40'56"	JN67IQ	1. Jan 09	8
CG-109	1200	Steilenberg	12°26'05"	47°42'59"	JN67FR	1. Aug 11	4
CG-110	1062	Walmburg	12°29'39"	47°41'01"	JN67FQ	1. Aug 11	2
CG-111	1332	Muehlprachkopf	12°31'33"	47°40'09"	JN67GQ	1. Aug 11	4
CG-112	1264	Stuhlkopf	12°32'35"	47°41'17"	JN67GQ	1. Aug 11	4
CG-113	1270	Sauruesselkopf	12°38'58"	47°41'49"	JN67HQ	1. Aug 11	4
CG-114	1153	Sessseekopf	12°42'51"	47°42'58"	JN67IR	1. Aug 11	2
CG-115	1035	Gamersberg	12°45'08"	47°40'38"	JN67JQ	1. Aug 11	2
CG-116	1309	Mehrentaler Wand	12°31'25"	47°46'20"	JN67GS	1. Aug 11	4
CG-117	1156	Gleichenberg	12°34'19"	47°46'37"	JN67GS	1. Aug 11	2

CG-118	1243	Scheichenberg	12°35'55"	47°46'39"	JN67HS	1. Aug 11	4
CG-119	1210	Haargassberg	12°37'17"	47°46'26"	JN67HS	1. Aug 11	4
CG-120	1073	Grosswald	12°49'03"	47°47'06"	JN67JS	1. Aug 11	2

### 3.9 Region Reference Berchtesgadener Alpen (BG)

Association	German Alps (DL)
Commencement date	01.March 2004
Region	Berchtesgadener Alpen (BG)
Regional Manager	Dzianis Lukashevich DD1LD <a href="mailto:dd1ld@gmx.de">dd1ld@gmx.de</a>
Reference	TOP 50 Bayern Süd
Notes	The vanished references down to BG-067 mean that these summits were valid till 1 January 2009

#### 3.9.1 Regional Information

The Berchtesgaden Alps (German: Berchtesgadener Alpen) are one of the most impressive mountain regions of the Northern Limestone Mountains. They lie between Saalch in the northwest and Salzach in the east. Around the picturesque lake Königsee, one of the most beautiful mountain lakes in the Alps, lie eight massive mountains: the Reiteralpe, the Hochkaltermassiv, the Watzmannmassiv, the Steinerner Meer, the Hagengebirge, the Göllstock, the Untersbergmassiv, and the Lattengebirge. The highest summit in the German part of this range is the Watzmann (2713 m). The southernmost part of the region has been declared a national park. Main towns are Berchtesgaden, and the Solebad Bad Reichenhall.

#### 3.9.2 Regional Maps

Bayerisches Landesvermessungsamt München:

Topographische Karte 1:50000	L8342	Bad Reichenhall
Topographische Karte 1:50000	L8344	Berchtesgaden
Topographische Karte 1:50000	L8542	Königsee
Topographische Karte 1:50000	L8544	Hoher Göll

#### 3.9.3 Table of Summits Berchtesgadener Alpen (BG)

Ref	Alt (m)	Name	Long (E)	Lat (N)	Loc.	Valid (fr)	Score
BG-001	1782	Zwiesel	12°48'53"	47°45'24"	JN67JS	1. Mar 04	6
BG-003	1771	Hochstaufen	12°51'00"	47°45'21"	JN67KS	1. Mar 04	6
BG-004	1270	Pflasterbachhoerndl	12°49'45"	47°42'04"	JN67JQ	1. Mar 04	4
BG-008	2251	Wagendriscelhorn	12°47'35"	47°35'59"	JN67JO	1. Mar 04	10
BG-009	2287	Stadelhorn	12°47'47"	47°35'38"	JN67JO	1. Mar 04	10
BG-014	1738	Karkopf	12°53'32"	47°41'10"	JN67KQ	1. Mar 04	6
BG-020	1972	B'gadener Hochthron	12°59'13"	47°41'47"	JN67LQ	1. Mar 04	8
BG-022	1189	Kneifelspitze	13°01'10"	47°39'30"	JN67KP	1. Mar 04	2
BG-023	1604	Ahornbuechsenkopf	13°04'54"	47°37'10"	JN67MO	1. Mar 04	6
BG-026	2523	Hocheisspitz	12°50'34"	47°32'49"	JN67KN	1. Mar 04	10
BG-028	2468	Steintalhoerndl	12°51'19"	47°33'36"	JN67KN	1. Mar 04	10
BG-029	2513	Ofentalhoerndl	12°51'44"	47°33'45"	JN67KN	1. Mar 04	10
BG-030	2607	Hochkalter	12°51'57"	47°34'10"	JN67KN	1. Mar 04	10

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BG-033	2153	Schaertenspitze	12°52'29"	47°34'54"	JN67KN	1. Mar 04	8
BG-037	1391	Toter Mann	12°55'24"	47°37'52"	JN67LP	1. Mar 04	4
BG-039	2713	Watzmann Mittelspitze	12°55'20"	47°33'16"	JN67LN	1. Mar 04	10
BG-040	2712	Watzmann Suedspitze	12°55'01"	47°32'53"	JN67LN	1. Mar 04	10
BG-043	2593	Gr. Hundstod	12°53'08"	47°30'45"	JN67KM	1. Mar 04	10
BG-044	2330	Schneiber	12°54'43"	47°30'39"	JN67KM	1. Mar 04	10
BG-045	2268	Gjaidkopf	12°54'40"	47°30'58"	JN67KM	1. Mar 04	10
BG-047	2543	Grieskogel	12°58'23"	47°28'29"	JN67LL	1. Mar 04	10
BG-049	2578	Funtenseetauern	12°58'39"	47°29'05"	JN67LL	1. Mar 04	10
BG-054	2283	Kl. Teufelshorn	13°01'58"	47°29'16"	JN67ML	1. Mar 04	10
BG-055	2361	Gr. Teufelshorn	13°02'16"	47°29'24"	JN67ML	1. Mar 04	10
BG-057	2268	Wildalmriedl	13°02'59"	47°29'56"	JN67ML	1. Mar 04	10
BG-060	2350	Kahlersberg	13°01'59"	47°31'56"	JN67MM	1. Mar 04	10
BG-061	2275	Schneibstein	13°03'30"	47°33'47"	JN67MN	1. Mar 04	10
BG-062	1874	Jenner	13°01'17"	47°34'35"	JN67MN	1. Mar 04	8
BG-065	2528	Hoher Goell	13°04'04"	47°35'42"	JN67MO	1. Mar 04	10
BG-067	2307	Kleiner Watzmann	12°56'33"	47°33'32"	JN67LN	1. Jan 09	10
BG-068	1017	Eckberg	13°01'21"	47°41'09"	JN67MQ	1. Jan 09	2
BG-069	1026	Kienberg	12°48'15"	47°40'36"	JN67JQ	1. Jan 09	2
BG-070	2114	Hirschwiese	12°54'59"	47°31'46"	JN67KM	1. Jan 09	8
BG-071	2519	Graskopf	12°59'00"	47°28'55"	JN67LL	1. Jan 09	10
BG-072	1884	Simetsberg	12°57'07"	47°30'37"	JN67LM	1. Jan 09	8
BG-073	2158	Viekogel	12°55'58"	47°29'17"	JN67LL	1. Jan 09	8
BG-074	1993	Hirsch	12°55'13"	47°29'53"	JN67LL	1. Jan 09	8
BG-075	1670	Kl. Regenbergl	12°59'47"	47°31'22"	JN67LM	1. Jan 09	6
BG-076	1304	Gruenstein	12°57'56"	47°35'39"	JN67LO	1. Jan 09	4
BG-077	1791	Stanglahnerkopf	12°53'24"	47°34'45"	JN67KN	1. Jan 09	6
BG-078	2254	Alpenhorn	12°50'58"	47°32'10"	JN67KM	1. Jan 09	10
BG-079	2210	Windschartenkopf	13°02'40"	47°33'01"	JN67MN	1. Jan 09	10
BG-080	1782	Hirschcheck	12°48'39"	47°39'09"	JN67JP	1. Jan 09	6
BG-081	1051	Gebersberg	12°48'49"	47°42'00"	JN67JQ	1. Jan 09	2
BG-082	1852	Salz. Hochthron	13°00'18"	47°43'04"	JN67MR	1. Jan 09	8
BG-083	1428	Pfaffenbichel	12°53'42"	47°38'43"	JN67KP	1. Jan 09	4
BG-084	1504	Moosenkopf	12°51'53"	47°39'27"	JN67KP	1. Jan 09	6
BG-085	1810	Zirbeneck	12°49'56"	47°37'39"	JN67KP	1. Jan 09	8
BG-086	1800	Eisberg	12°50'51"	47°37'33"	JN67KP	1. Jan 09	8
BG-087	1662	Toertlschneid	12°52'59"	47°39'21"	JN67KP	1. Aug 11	6
BG-088	781	Kaelberstein	12°59'33"	47°38'07"	JN67LP	1. Aug 11	1
BG-089	934	Braendelberg	13°02'49"	47°39'50"	JN67MP	1. Aug 11	1
BG-090	1049	Lercheck	13°04'04"	47°39'41"	JN67MP	1. Aug 11	2
BG-091	923	Hochzinken	13°02'04"	47°41'41"	JN67MQ	1. Aug 11	1
BG-092	930	Hohe Goetschen	13°03'49"	47°41'45"	JN67MQ	1. Aug 11	1