

Appendix 3. Actual and estimated elevations for climate stations and associated percent differences

Station name (station identification see table 1)	Station elevation in feet			Percent difference		
	Actual	PRISM DEM	USGS DEM	Between PRISM and station elevations relative to station elevation	Between station and the 30-meter elevations, relative to station elevation	Between 30-meter and PRISM, relative to the 30-meter data
ADAVEN	6,250	6,450	6,499	3.20	3.99	0.76
ALAMO	N/A	3,606	3,570	N/A	N/A	-1.02
AMARGOSA FARMS GAREY	2,450	2,461	2,454	0.45	0.17	-0.28
ANTELOPE VALLEY	4,900	4,997	5,003	1.98	2.11	0.13
ARTHUR 4 NW	6,300	6,257	6,270	-0.68	-0.48	0.20
AUSTIN	6,600	6,358	6,440	-3.67	-2.42	1.28
BATTLE MOUNTAIN 4 SE	4,540	4,554	4,521	0.31	-0.42	-0.73
BEAR CREEK SNOTEL	7,800	8,271	8,084	6.04	3.64	-2.31
BEATTY	3,300	3,445	3,504	4.39	6.18	1.68
BEATTY 8 N	3,550	3,835	3,835	8.03	8.04	0.01
BEOVAWE	4,700	4,875	4,793	3.72	1.99	-1.70
BEOVAWE U OF N RANCH	5,740	5,761	5,961	0.37	3.86	3.36
BERRY CREEK SNOTEL	9,100	8,707	8,921	-4.32	-1.97	2.39
BIG BEND SNOTEL	6,700	6,893	6,857	2.88	2.34	-0.53
BIG CREEK SUM SNOTEL	8,700	8,658	8,986	-0.48	3.29	3.65
BIG MEADOW SNOTEL	8,300	7,917	7,795	-4.61	-6.08	-1.56
BLUE EAGLE RANCH HANKS	4,780	4,777	4,849	-0.06	1.45	1.49
BLUE JAY HIGHWAY STN	5,320	5,394	5,417	1.39	1.82	0.42
BOULDER CITY	2,520	2,352	2,316	-6.67	-8.08	-1.54
BRINKERHOFF RANCH	3,660	3,698	3,671	1.04	0.31	-0.73
BUCKSKIN LOWER SNOTEL	6,700	7,254	7,123	8.27	6.31	-1.84
BUFFALO RANCH	5,430	5,190	5,164	-4.42	-4.90	-0.50
BUNKERVILLE	1,550	1,864	1,890	20.26	21.92	1.36
CALIENTE	4,400	4,747	4,833	7.89	9.83	1.77
CARLIN NEWMONT MINE	6,520	5,846	6,079	-10.34	-6.76	3.84
CARSON CITY	4,650	4,770	4,692	2.58	0.89	-1.67
CENTRAL NEVADA FLD LA	5,960	5,971	5,942	0.18	-0.31	-0.49
CLOVER VALLEY	5,750	5,922	5,889	2.99	2.42	-0.56
CONTACT	5,360	5,472	5,430	2.09	1.30	-0.78
CORRAL CANYON SNOTEL	8,500	7,425	7,572	-12.65	-10.92	1.94
CURRANT HWY STN	6,240	7,326	7,195	17.40	15.30	-1.82
CURRIE HIGHWAY STN	5,820	5,883	5,886	1.08	1.13	0.05
DAGGET PASS	7,330	7,228	7,290	-1.39	-0.55	0.85
DEETH 2 SW	5,340	5,371	5,367	0.58	0.51	-0.07
DENIO JUNCTION	4,190	4,196	4,206	0.14	0.38	0.24
DESERT GAME RAN	2,920	2,936	2,851	0.55	-2.36	-2.98
DESERT ROCK WSMO	3,300	3,474	3,510	5.27	6.38	1.04

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	Actual	PRISM DEM	USGS DEM	Between PRISM and station elevations relative to station elevation	Between station and the 30-meter elevations, relative to station elevation	Between 30-meter and PRISM, relative to the 30-meter data
DIABLO	5,110	4,974	4,980	-2.66	-2.54	0.13
DIAMOND PEAK SNOTEL	8,000	8,694	8,760	8.68	9.50	0.75
DIAMOND VALLEY USDA	5,970	5,938	5,942	-0.54	-0.48	0.06
DISASTER PEAK SNOTEL	6,500	6,467	6,539	-0.51	0.60	1.10
DORSEY BASIN SNOTEL	8,100	7,156	7,234	-11.65	-10.69	1.08
DRAW CREEK SNOTEL	7,200	7,589	7,530	5.40	4.58	-0.79
DUCKWATER	5,610	5,650	5,650	0.71	0.71	-0.01
DYER 4 SE	4,900	5,026	4,970	2.57	1.44	-1.12
ELGIN	3,420	3,921	4,019	14.65	17.52	2.44
ELGIN 3 SE	3,300	4,035	4,137	22.27	25.37	2.47
ELKO WB AIRPORT	5,050	5,131	5,157	1.60	2.13	0.51
ELY WBO	6,250	6,329	6,286	1.26	0.58	-0.68
EMIGRANT PASS HWY STN	5,760	6,309	6,237	9.53	8.28	-1.16
EUREKA	6,540	6,854	7,021	4.80	7.35	2.38
FALLON EXPERIMENT STN	3,970	3,960	3,967	-0.25	-0.09	0.16
FAWN CREEK SNOTEL	7,000	7,411	7,415	5.87	5.92	0.05
FERNLEY	4,160	4,199	4,154	0.94	-0.16	-1.09
FISH CREEK RANCH	6,050	6,076	6,053	0.43	0.05	-0.38
GERLACH	3,950	3,970	3,914	0.51	-0.91	-1.43
GEYSER RANCH	6,020	6,004	5,955	-0.27	-1.08	-0.83
GIBBS RANCH	6,000	6,001	6,024	0.02	0.39	0.38
GLENBROOK	6,360	6,243	6,263	-1.84	-1.52	0.32
GOLCONDA	4,390	4,413	4,416	0.52	0.59	0.07
GOLDFIELD	5,690	5,932	5,906	4.25	3.79	-0.45
GRANITE PEAK SNOTEL	7,800	8,688	8,199	11.38	5.11	-5.97
GREAT BASIN NATL PARK	6,830	6,788	6,594	-0.61	-3.45	-2.93
GREEN MOUNTAIN SNOTEL	8,000	7,802	7,802	-2.48	-2.48	0.00
HAWTHORNE	4,330	4,554	4,554	5.17	5.17	0.00
HAWTHORNE AIRPORT	4,220	4,226	4,259	0.14	0.91	0.76
HOLE-IN-MOUNTAIN SNOTEL	7,900	6,158	6,079	-22.05	-23.05	-1.29
IMLAY	4,260	4,213	4,209	-1.10	-1.19	-0.09
INDIAN SPRINGS	3,120	3,192	3,150	2.31	0.95	-1.35
JACK CREEK UPPER SNOTEL	7,250	7,943	8,097	9.56	11.68	1.90
JACKPOT	5,290	6,440	6,339	21.74	19.82	-1.60
JARBRIDGE 4 N	8,420	9,491	6,742	12.72	-19.93	-40.77
JACKS PEAK SNOTEL	6,170	6,535	9,144	5.92	48.20	28.53
JIGGS	5,420	5,548	5,564	2.36	2.66	0.29

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JIGGS 8 SSE ZAGA	5,800	5,994	6,056	3.34	4.42	1.03
JUNGO MEYER RANCH	4,200	4,199	4,180	-0.02	-0.48	-0.46
KEY PITTMAN WMA	3,950	4,131	4,281	4.58	8.39	3.52
KINGS RIVER VALLEY	4,230	4,337	4,311	2.53	1.92	-0.60
LAGES	5,960	6,161	6,263	3.37	5.09	1.63
LAHONTAN	4,150	4,193	4,232	1.04	1.98	0.93
LAKE VALLEY STEWARD	6,350	7,156	7,034	12.69	10.77	-1.73
LAMANCE CREEK SNOTEL	6,000	6,342	6,152	5.70	2.53	-3.10
LAMOILLE 3 SNOTEL	7,700	9,560	9,596	24.16	24.63	0.38
LAMOILLE PH	6,290	7,779	8,100	23.67	28.78	3.97
LAMOILLE YOST	5,840	6,033	6,060	3.30	3.76	0.44
LAS VEGAS WSO AIRPORT	2,160	2,152	2,146	-0.37	-0.66	-0.30
LAUGHLIN	680	1,224	1,010	80.00	48.60	-21.13
LAUREL DRAW SNOTEL	6,700	7,014	6,949	4.69	3.71	-0.94
LEONARD CREEK RANCH	4,220	4,350	4,327	3.08	2.55	-0.52
LOGANDALE	1,410	1,371	1,496	-2.77	6.10	8.36
LOVELOCK	3,970	3,976	3,970	0.15	0.00	-0.16
LOVELOCK FAA AIRPORT	3,900	3,986	3,917	2.21	0.44	-1.75
LUND	5,570	5,778	5,850	3.73	5.02	1.23
MALA VISTA RANCH	5,590	5,673	5,663	1.48	1.30	-0.18
MARLETTE LAKE SNOTEL	8,000	7,198	7,247	-10.03	-9.41	0.68
MC DERMITT	4,530	4,482	4,465	-1.06	-1.43	-0.38
MC GILL	6,300	7,264	7,267	15.30	15.35	0.04
METROPOLIS	5,800	6,201	6,375	6.91	9.91	2.72
MINA	4,550	4,613	4,672	1.38	2.68	1.26
MINDEN	4,710	4,767	4,744	1.21	0.72	-0.48
MONTELLO 1 SE	4,900	4,954	4,918	1.10	0.37	-0.73
MONTGOMERY MNTC STN	7,100	7,064	7,172	-0.51	1.01	1.50
MOUNTAIN CITY R.S.	5,640	5,820	5,906	3.19	4.71	1.45
MT ROSE SKI AREA SNOTEL	8,850	7,812	7,785	-11.73	-12.03	-0.34
NIXON	3,900	3,999	4,035	2.54	3.47	0.90
NORTH LAS VEGAS	1,880	1,896	1,890	0.85	0.52	-0.33
OASIS	5,830	6,020	5,978	3.26	2.53	-0.71
OROVADA 4 WSW	4,290	4,239	4,226	-1.19	-1.50	-0.31
OVERTON	1,290	1,414	1,342	9.61	4.02	-5.38
OWYHEE	5,400	6,168	6,257	14.22	15.86	1.42
PAHRANAGAT W L REFUGE	3,400	3,438	3,369	1.12	-0.90	-2.04

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PAHRUMP	2,670	2,631	2,648	-1.46	-0.84	0.63
PAHUTE MEADOWS	4,380	4,455	4,498	1.71	2.69	0.96
PARADISE VALLEY	4,680	4,606	4,564	-1.58	-2.49	-0.93
PARIS RANCH	4,140	4,324	4,364	4.44	5.40	0.91
PENOYER VLY CASTLETON	4,800	4,888	4,888	1.83	1.84	0.01
PEQUOP	6,030	6,959	6,778	15.41	12.41	-2.67
PINE VALLEY BAILEY RANCH	5,050	5,200	5,180	2.97	2.58	-0.38
PIOCHE	6,180	6,276	6,152	1.55	-0.46	-2.02
POLE CREEK R.S. SNOTEL	8,330	8,455	8,409	1.50	0.95	-0.55
RAND RANCH PALISADE	5,050	5,200	5,180	2.97	2.58	-0.38
RATTLESNAKE	5,920	5,922	5,997	0.03	1.31	1.26
RED ROCK CANYON ST PK	3,780	3,878	3,871	2.59	2.42	-0.17
REESE RIVER RANGER STN	6,550	6,473	6,480	-1.18	-1.07	0.10
RENO WSFO AIRPORT	4,400	4,511	4,449	2.52	1.11	-1.40
RUBY LAKE	6,010	6,634	6,617	10.38	10.11	-0.25
RUTH	6,840	6,972	6,949	1.93	1.59	-0.33
RYE PATCH DAM	4,130	4,265	4,262	3.27	3.19	-0.07
SAND PASS	3,900	3,894	3,862	-0.15	-0.99	-0.84
SEARCHLIGHT	3,540	3,461	3,455	-2.23	-2.41	-0.18
SEVENTYSIX CREEK SNOTEL	7,100	7,379	7,438	3.93	4.76	0.79
SHELDON	6,510	6,768	6,604	3.96	1.45	-2.48
SILVERPEAK	4,260	4,442	4,524	4.27	6.20	1.82
SMITH	4,750	4,800	4,770	1.05	0.43	-0.62
SMITH 6 N	5,000	4,649	4,623	-7.02	-7.55	-0.57
SMOKE CREEK ESPIL	3,850	3,930	3,950	2.08	2.60	0.51
SMOKEY VALLEY	5,620	5,604	5,594	-0.28	-0.47	-0.18
SNOWBALL RANCH	7,160	7,592	7,503	6.03	4.79	-1.18
SPARKS	4,360	4,452	4,416	2.11	1.28	-0.81
SPRING VALLEY ST PK	5,950	6,079	6,129	2.17	3.00	0.81
STATELINE-HARRAH'S	6,250	6,260	6,253	0.16	0.05	-0.11
STEAD	5,120	5,092	5,125	-0.55	0.09	0.64
SUNNYSIDE	5,300	6,266	6,496	18.23	22.57	3.54
SUTCLIFFE	3,990	4,245	4,288	6.39	7.47	1.00
TAYLOR CANYON SNOTEL	6,200	6,841	6,749	10.34	8.85	-1.37
TEMPIUTE 4 NW	4,890	4,800	4,905	-1.84	0.30	2.14
TONOPAH AP	5,430	5,476	5,456	0.85	0.48	-0.37
TOPAZ LAKE	5,020	5,108	5,102	1.75	1.63	-0.12

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TOPAZ LAKE 4 N	5,580	5,535	5,614	-0.81	0.60	1.40
TUSCARORA	6,170	7,329	7,080	18.78	14.75	-3.52
TWIN SPRINGS FALLINI	5,300	5,299	5,295	-0.02	-0.09	-0.07
VALLEY OF FIRE ST PK	2,000	2,044	2,064	2.20	3.18	0.95
VIRGIN VALLEY	4,800	4,934	4,974	2.79	3.62	0.80
VIRGINIA CITY	6,340	5,866	5,738	-7.48	-9.49	-2.23
VYA	5,660	6,263	6,434	10.65	13.67	2.65
WABUSKA 5 SE	4,300	4,373	4,337	1.70	0.87	-0.82
WADSWORTH 4 N	4,200	4,111	4,163	-2.12	-0.87	1.26
WARD MOUNTAIN SNOTEL	9,200	6,850	6,785	-25.54	-26.25	-0.96
WELLINGTON RANGER STN	4,840	5,052	5,138	4.38	6.15	1.67
WELLS	5,650	5,627	5,673	-0.41	0.40	0.80
WILDHORSE RESER	6,230	6,227	6,293	-0.05	1.01	1.04
WILKINS	5,640	5,705	5,712	1.15	1.28	0.12
WINNEMUCCA WSO AIRPORT	4,300	4,298	4,304	-0.05	0.10	0.15
YERINGTON	4,380	4,380	4,390	0.00	0.22	0.22