

	MIN	MAX	
<b>AFGHANISTAN</b>			
Kabul	-25.5	40	
Kandahar	-12.1	46.5	
Jalalabad	-7.8	48.8*	* dubious, likely taken with not proper instruments
Mazar al Sharif	-24	48.1	
Ghazni	-33.5	37	
Zaranj	-13.2	49.6*	* a dubious 51.0C was likely taken with not proper instruments
Farah	-11.9	49.8	
Shahrak	-52.2		
<b>ALBANIA</b>			
Tirana	-10.4	42.2	
Durres	-9	39.5	
Shkoder	-13	42.8	
Cerrik	-9.4	43.2	
Kucova		43.9	
Kallmet		45.3*	* unofficial, questioned
Kukes	-22	42.5	
Sheqeras	-26.8		
Moscopole	-27.5*		* unofficial, dubious
Bize	-34.7*		* unofficial, dubious
<b>ALGERIA</b>			
Algiers Airport	-4	47.5	
Oran	-3	45.8	
In Salah	-3.3	50.6	
Ouargla	-6.7	50.4	
Batna	-20	43.8	
Constantine	-10	45.5	
Tamanrasset	-7	41.6	
<b>ANDORRA</b>			
Andorra La Vella	-16	38.5*	* dubious
Hidroelectrica	-16	36	
Engolaster Lake	-21	33	
Ransol	-23	36	
Grau Roig	-27.3		
Port d'Envalira	-34*		* unofficial, dubious
<b>ANGOLA</b>			
Luanda	12	36.9	
Bie (Silva Porto)	-5*	31.7*	* suspicious, likely taken under not proper conditions
Mavinga	-3.9		
Bicuari Nat.Park	-4.1		
Namibe	3	40.3	
Espinheira		40.6	
Cabinda	12	34.4	
<b>ANTIGUA AND BARBUDA</b>			
Saint John's	15.6	33.8	
Bird Airport	16	34.9	
Codrington (Barbuda)	17.2	35*	* suspicious
<b>ARGENTINA</b>			
Buenos Aires Obser.	-5.4*	43.3	* -6.4C was also recorded in June 1830
Ezeiza Airport	-7.8	44.3	
Cordoba	-10.3	45	* a 45.6C in 1917 was likely taken with not proper instruments

Bahia Blanca	-11.8	43.8	
Mar del Plata	-9.3	41.6	
Mendoza	-9.2	44.4	
Rosario	-11.1	42.4*	* an old record of 43.9C was likely taken
with not proper instruments			
Santiago del Estero	-10	46.5*	* a temperature of 47.0C was also recorded
in the observatory			
Catamarca	-9	47*	* a temperature of 47.1C was also recorded
in the observatory			
Tucuman	-7.2	45	
Salta	-9.9	39.9	
Campo Gallo	-8.1	47.3	
Morillo		48.5*	* dubious
Ingeniero Juarez		47.8*	* dubious
Rivadavia	-7.2	47*	* a very dubious 48.9C was likely taken with
not proper instruments			
Villa de Maria	-10.5	44.6*	* a very dubious 49.1C was likely taken with
not proper instruments			
Neuquen	-12.8	42.3	
Comodoro Rivadavia	-8.5	40.2	
Bariloche	-25.4	36.5	
Ushuaia	-21.1	29.4*	* unofficial 31C also recorded in other
parts of the town			
Perito Moreno	-25.7	35	
Sarmiento	-33*	38.3	* very dubious, likely taken recorded under
not proper conditions			
Buen Pasto	-34*		* dubious
Maquinchao	-25.6*	38	* an unreliable -35.3C was reported in July
1991			
Pato Superior Valley	-39	27	
Veladero	-44*		* unofficial
Nacimiento	-42.4*		* unofficial
Matambre	-42*		* unofficial
Cona Niyeu	-36.2*		* questioned
La Paulina Farm	-30		
Las Bayas	-30	38	
<b>ARMENIA</b>			
Yerevan	-31	42	
Gyumri	-35	37.5	
Vanadzor	-30	36.1	
Sisian	-34	36.2	
Megri	-22	43.7	
Shurabad (Paghakn)	-46.7	31	
<b>AUSTRALIA</b>			
Canberra	-10	42.2	
Sydney Airport	-0.1	46.4	
Sydney Observatory	2.1	45.8	
Brisbane Airport	-0.1	40.2	
Brisbane City	2.3	43.2	
Adelaide City	-0.4	46.1	
Adelaide Airport	-2.6	44.1	
Perth Airport	-1.3	46.7	
Perth City	-0.7	46.2	
Darwin Airport	10.4	38.9	
Albany City	0.1	44.8	
Esperance City	-0.6	46.9	
Carnarvon	2.4	47.8	

Broome	3.3	44.8	
Alice Springs	-7.5	45.2	
Cairns	6.2	40.5*	* 43.2C was also recorded at the Post Office Station
Melbourne City	-2.8	46.4*	* 46.8C also recorded in the Airport Station
Hobart City in June 1972	-2.8*	41.8	* -3.9C also recorded in the Airport Station
Birdsville	-1.7	49.5	
Mardie	2.9	50.5	
Oodnadatta	-2.6	50.7	
Charlotte Pass	-23	29.7	
Lord Howe Island	5.9	31.3	
Norfolk Island AP	6.2	28.4	
Kingston (Norfolk)	4.4*	32.2*	* unofficial,unreliable, taken with not proper instruments
Willis Island	16.4	35.2	
Cocos Islands AP	18.3	32.8	
Christmas Isl. AP	16.2	31.8	
Rocky Point (Christmas Isl.)	33.2		
Flying Fish Cove (Christmas I.)	35*		* unofficial,dubious
Heard Island	-11.5	26.1	
Macquarie Island	-9.4	14.4	
<b>AUSTRIA</b>			
Vienna	-26.3*	39.5	* unofficial -27C also recorded
Klagenfurt	-27.8	38.1	
Linz	-29.1	38	
Salzburg	-31.1	38.6	
Graz	-28.8	38.8	
Innsbruck	-30.6*	38.2	* -31.3C was also recorded in December 1788
Dellach im Drautal	-24.8	39.9	
Bad Deutsch-Altenburg		40.5	
Zwettl	-36.6	34.6	
Halltal	-40*		* unofficial, questioned
Sonnblick	-37.4	15.3	
Grunloch frost hollow	-52.6*		* unofficial, recorded in February 1932 in a
<b>AZERBAIJAN</b>			
Baku	-14.7	41.1	
Ganja	-17.8*	42*	* extremes of -18.8C and 43.3C were recorded in another station
Zakataly	-22.8	41.2	
Goytapa		47.4	
Great Caucasus Stat.	-45*		* unofficial
Ordubad (Nakhichivan)	-33	46	
Julfa (Nakhichivan)	-33	46	
Xankhandi (Nagorno K.)	-19	40	
<b>BAHAMAS</b>			
Nassau	5.2*	36.5	* a dubious 5.0C was also recorded in
January 1945			
Freeport Airport	3	36	
West End	1.7*		* dubious, likely taken with not proper instruments
Marsh Harbour	8.9	35	
<b>BAHRAIN</b>			
Manama Intl Air.	2.8	47.5	
Awali	-5*		* very dubious,likely taken with not proper instruments

Sitra Island conditions	48.4*		* very dubious, likely taken under not proper conditions
<b>BANGLADESH</b>			
Dhaka	5.6	42.2	
Chittagong City station	7.2	39.4*	* 40.6C also recorded in another city
Jessore	2.2	43.2	
Rajshahi		45.1	
Srimangal	1.7	41.2	
Dinajpur	1.1		
<b>BARBADOS</b>			
Bridgetown	15.8	35	
Grantley Adams AP	15.6	33.1	
Gibbons Boggs	15*		* dubious
<b>BELARUS</b>			
Minsk	-39.1	35.8	
Gomel	-35	38.9	
Vasilevichi	-35.7	38	
Slavnoye	-42.2		
Hanusowszczyzna	-43*		* unofficial, dubious
<b>BELGIUM</b>			
Brussels	-21.1	37.4	
Uccle instruments	-18.7	38.8*	* questioned, recorded with not proper
Ostend	-19	36	
Antwerp	-18.5	36.2	
Gent	-20.6	37.6	
Liege	-21*	38.4	* -24.4C also recorded in December 1783
Haacht	-25.5	38.7	
Rochefort	-30.1	37.7*	* 38.8C in 1925 was recorded under not proper exposure conditions
<b>BELIZE</b>			
Belmopan	7	41	
Belize City	7.8	37.8	
Central Farm	8	42	
Douglas Da Silva St.	6		
Sibun Hill	4	42.8*	* very dubious
<b>BENIN</b>			
Porto Novo	16	37.5	
Cotonou	17	36.7	
Kandi	8.5	44.5*	* dubious
<b>BHUTAN</b>			
Thimphu	-10	31	
Punakha		37.5	
Phuentsholing		40	
Paro Int. Airport	-12.9	32	
Chamkhar	-14.5	28	
<b>BOLIVIA</b>			
Sucre Observatory	-6	32*	* a dubious 34.7C was also recorded in the
La Paz Downtown	-6	27.2*	* 28.3C was also recorded in Southern La Paz
La Paz El Alto	-15.2	23	
Charana	-23.8	26.4	
Oruro	-22.4	27.6	
Cochabamba	-7	35.6	
Tarija	-10	39.7	
Camiri	-5.2	44	

Cobija	7	39.5	
Santa Cruz	1.8	41.6	
Uyuni	-25.7	31.5	
Villamontes	-7	46.7*	* unofficial temperature of 47.2C also recorded in January 1953

**BOSNIA AND HERZEGOVINA**

Sarajevo	-26.4	40	
Sarajevo Airport	-30.2	39.9	
Mostar	-16.4	43.1	
Bihac	-29.2	42	
Livno	-29.6	38.2	
Brcko	-25	42	
Cerik (Brcko)	-22.7		
Bjelasnica	-33.6	25.3	
Veliko Polje	-43.5		
Banja Luka (Sprska R.)	-28.4	41.8	
Bijeljina (Sprska R.)	-28.6	43	
Sokolac (Sprska R.)	-34.6	36	

**BOTSWANA**

Gabarone	-6.5	42.7	
Francistown	-6.5	42.1	
Ghanzi	-8.5	42.2	
Tsabong	-10.6	43.5*	* an unofficial reading of 44.1C was recorded in October 2016
Maun	-6.4	43.8	
Ramotswa		44.3*	* unofficial

**BRAZIL**

Brasilia	1.6*	35.8*	* extreme temperatures of 1.3C and 36.0C were recorded at the Airport station
Sao Paulo	-2.1*	37.8*	* unofficial temperatures of -4C and 39.3C were recorded in other parts of the city
Rio de Janeiro Center	10.2*	39.1*	* extreme temperatures of 4.8C and 43.2C were recorded in other parts of the city
Salvador de Bahia	16.8*	35.5	* a lowest temperature of 14.6C was recorded in the Airport
Recife	16.8	35.4	
Fortaleza	17.6*	35.8	* 16.8C was also recorded in the Porangaba Station
Belem	18.4	38.5	
F.de Noronha Island	18.9	33	
Teresina	13.8*	42.4	* a record of 11.6C in 1922 is likely incorrect
Manaus	17.2	38.9	
Boa Vista	18.2	39.4	
Belo Horizonte	2.2	37.1*	* 37.2C was also recorded in the Airport station
Porto Alegre	-4	40.7*	* unofficial 41.3C was recorded in February 2010
Curitiba	-6.3*	35.2*	* unofficial temperatures of -8.9C and 37.4C were recorded in the old Observatory
Foz do Iguacu	-4.2	40	
Florianopolis	1.3*	40	* a lowest of -1.0C was also recorded at the Airport station
Campo Grande	-3.4	40.2	
Orleans	-5.8	44.6	
Bom Jesus do Piaui	11.9	44.8*	* very questioned, likely taken with not proper instruments

Sao Joaquim	-10	31.4	
Xanxere	-11.6	36.2	
Cacador	-14*	38	* unofficial
Morro da Igreja	-17.8*		* very dubious, likely taken with not proper instruments
<b>BRUNEI</b>			
Bandar Seri Begawan	18.4	38.3	
<b>BULGARIA</b>			
Sofia Station	-31.2	39.8*	* 41.4C was also recorded at the Airport
Plovdiv	-31.5	45	
Varna	-24.3	41.4	
Burgas	-21.6	42.8	
Sadovo	-30.7	45.2*	* questioned
Montana		45.9*	* unofficial, dubious
Mussala Peak	-31.6	20	
Trun	-38.3	37.3	
<b>BURKINA FASO</b>			
Ouagadougou	8.5	43.9	
Dori	5.7	47.5	
Markoye	5	46	
Banankaledaga	2.9*	41.9	* very dubious, likely taken with not proper instruments
<b>BURUNDI</b>			
Bujumbura	10.1	35.5*	* 37C recorded in the old station is possibly unreliable
Mparambo	7.5	37.5	
Gisozi	-0.9*	28.9	* recorded in the in the Marais station
<b>CAMBODIA</b>			
Phnom Penh	12.8	41	
Siam Reap	9.5	41	
Battambang	10.4	41	
Kampot	14.7	37.2	
Stoeng Treng	9	41.4	
Sisophon	8.6	40.2	
Preah Vihea		42.6	
Val d'Emeraude	8		
Sen Monorom	5.7*	40.2*	* unofficial, dubious
<b>CAMEROON</b>			
Yaounde	11	35.7	
Douala	18	37.7	
Garoua	8.3	45.5	
Maroua	6	45.9	
Kousseri	9.7	47.7*	* dubious
Ngaoundere	3.2	39.5	
Benoue River	-0.7		
Fako Peak	-2.7*		* unofficial
<b>CANADA</b>			
Ottawa	-38.9	37.8*	* 38.9C also recorded in the old Observatory
Toronto City	-32.8	40.6	
Montreal	-37.8*	37.6	* -42C was also recorded in 1859
Quebec City	-36.7	36.1	
Halifax	-29.4	37.2	
Saint John's	-25*	31.5*	* dubious extremes of -29.4C and 33.9C were recorded in the old Observatory
Calgary	-45	36.1	
Edmonton	-49.4	37.2	

Vancouver station	-18.3	34.4*	* 36.0C also recorded in the West Vancouver
Victoria	-15.6	37.6	
Regina	-50	43.9	
Winnipeg	-47.8	42.3	
Churchill	-49.4	36.9	
Dawson	-58.3	35	
Yelloknwife	-53.9	32.5	
Sachs Harbour	-52.2	24.2	
Eureka	-55.3	20.9	
Alert	-50	20	
Cape Dorset	-42.8	25	
Midale	-48.3	45	
Yellow Grass	-45.6	45	
Snag	-62.8		
Fort Nelson	-71*		* unofficial, dubious
<b>CAPE VERDE</b>			
Praia	13.3	37.3	
Sal	10	36	
Mindelo	10	36.1	
Monte Velha	5		
<b>CENTRAL AFRICAN REPUBLIC</b>			
Bangui	9.8	40.4	
Bangassou	9.7	40.4	
Birao	3.1	45	
<b>CHAD</b>			
N'Djamena	6.5	46.5*	* 47.0C was recorded in the city station in
March 1936			
Faya	2.5	47.6*	* 49.7C recorded in 1952 was taken with not
proper instruments			
Sarh	9.8	45	
Bardai	-4.5	43	
Wour	-5		
Trou au Natron	-7	27	
<b>CHILE</b>			
Santiago Observ.	-6.8	37.4	
Valparaiso	-4	37.8	
Arica	5.2*	33.6	* a dubious 1.0C was also recorded in
another station in 1952			
Puerto Montt	-8	34.7	
Temuco	-8.1	38.6*	* a dubious 42.0 was also recorded in 1953
Los Angeles	-5.7	42.2	
Cauquenes		45*	* dubious
Punta Arenas	-18.7	29.9	
Balmaceda	-28.3	33.4	
Ollague	-37		
Coyhaique Alto	-37		
Evangelistas Islands	-8	23.2	
Robinson Crusoe Isl.	3	28.8	
Easter Island	7.2	31	
<b>CHINA</b>			
Beijing	-27.4	42.6*	* dubious old temperature of 44.4C was
recorded in July 1743			
Shanghai	-12.1*	40.8	* unofficial -13.3C recorded in January 1893
Fuzhou	-1.9	41.7	
Guangzhou (Canton)	-0.6*	39.1	* unofficial record of -5.0C was set in
January 1893			

Shenzhen	0.2	38.7	
Xiamen	0.1	39.2	
Nanning	-2.1	40.4	
Chongqing	-2.5	44	
Chengdu	-5.9	37.3*	* 40.1C was also recorded in the old
observatory			
Kunming	-7.8	32.8	
Wuhan	-18.1	39.6*	* 42.0C was also recorded in another station
of the city			
Xian	-20.6	42.9	
Tianjin	-22.9	40.5*	* 43.3C was also recorded in another station
in June 1942			
Haikou	2.8	39.6	
Shenyang	-33.1	39.3	
Harbin	-41.4	39.2	
Urumqi	-41.5	42.1*	* 44C was also recorded at the Airport
Station			
Lhasa	-16.5	30.5	
Turpan	-28.9	49	
Erbaoxiang		50.5	
Aydingkol Mirabilite Factory	50.7*		* unofficial
Mohe	-52.3	39.3	
Koktokay	-57.8*		* unofficial, dubious
Xisha Dao (Paracel)	16.5	34.9	
Hong Kong Observatory	0	36.6	
Hong Kong Airport	3	37.7	
Wetland Park (H. Kong)		39	
Tai Mon Shan Peak (H. Kong)	-6	28.8	
Taipa Obs. (Macau)		38	
Fortaleza do Monte (Macau)	-1.8	38.9	
Areia Preta (Macau)		39	
Ka Ho		39	
<b>COLOMBIA</b>			
Bogota	-6.4	26.8	
Medellin	10	34.4	
Cali	13.4	37.4	
Barranquilla	18	39.8	
Bucaramanga	13.4	34.2	
Chiriguana	16.8	42.6	
Leticia	14	39	
Berlin	-11	20.8	
San Andres Island	17	34.4	
<b>COMOROS</b>			
Moroni Airport	13.9	35.6	
Ouani (Anjouan)	13.7	35	
<b>CONGO BRAZZAVILLE</b>			
Brazzaville	10.3	37.6	
Pointe Noire	12.4	34.8	
Impfondo	12	39	
Mpouya	12.5	39.2	
Sibiti	8.9	34.8	
<b>CONGO KINSHASA</b>			
Kinshasa	11.2	37	
Lubumbashi	0.6	37.2	
Kisangani	14.8	38.6	
Kananga	13	35.3	
Kisanga	-2.8	36.6	



Kulu	9	40.6	
Yahila	41*		* dubious, likely taken under not proper conditions
<b>COSTA RICA</b>			
San Jose City	10.4*	33.2*	* more extreme temperatures before 1970 were affected by overexposure
Alajuela	11	35.2	
Liberia	12.8	40.1	
Puntarenas	16	40	
Cascajal de Orotina		40.4	
Puerto Limon	13.2	35*	* dubious, likely taken with not proper instruments
Villa Mills	-3	27.5	
Irazu Volcano	-5	23.2	
Mount Chirripo	-9	24	
<b>COTE D'IVOIRE</b>			
Yamoussoukro	8.2	40.3	
Abidjan	14.7	37.3	
Odienne	7.8	41.5	
Man	6	39.4	
<b>CROATIA</b>			
Zagreb	-28.9*	40.5	* an unofficial temperature of -30.5C also recorded in February 1929
Dubrovnik	-7	39.4	
Split	-9	42.3	
Rijeka	-14.6	40	
Osijek	-27.1	40.6	
Ploce		42.8	
Varazdin	-29	39.4	
Palagruza	-4.3	35.7	
Gracac	-34.6		
Cakovec	-35.5*		* questioned, likely taken with not proper instruments
Gospic	-33.5*	38.7	* an unofficial and questioned -36C was also recorded in February 1929
<b>CUBA</b>			
Havana City	6	38.2	
Havana Jose Marti	3.7*	36.1*	* extremes of 1.6C and 38.1C were recorded in the old Rancho Boyero station
Bainoa	0.6	36.3	
Sancti Spiritus	4.8	38.5	
Pinar del Rio	5.1	36.7	
Camaguey	3	37.5	
Santiago	8.3	37.8	
Guantanamo	10.5	38.6	
Jucarito	7	38.8	
Bayamo		39.3*	* unofficial
Isla de la Juventud	6.1	35.5	
<b>CYPRUS</b>			
Nicosia	-5.6	45.6	
Larnaca	-3.9	43.9	
Akotriri	-2.2	40.2	
Paphos	-3.9	42.2	
Prodromos	-10.7	36	
Mount Olympus	-16		
Ercan-Tynvou (N.Cyprus)	-4	45	
Lefkonico (North Cyprus)	-4.5	46.6	

Alevkaya (North Cyprus) -5.4

**CZECH REPUBLIC**

Prague Clementinum -27.6\*37.8  
district in 1929

\* -29.6C was also recorded in the Kbely

Prague Uhrineves -29 40.2

Brno -27.2\* 38.5

\* -30.9C was also recorded in the Jundrov

station in 1929

Ostrava -27.3 38

Milesovca -28.3 36.5

Dobrichovice 40.4

Litvinovice -42.2

**DENMARK**

Copenhagen -25\* 33.8

\* -26.3C was also recorded in January 1789

Aalborg -27.2 34

Odense -21.3 34

Ronne -20.5 32.6

Holstebro 36.4

Slagelse 35.8

Horsted/Thy -31.2

Nuuk (Greenland) -32.5 24.9

Upernavik (Greenland) -41 21

Kangerlussuaq (Green.) -47.2 25.5

Maniitsoq (Greenland) -25.8 25.9

Tasilaq (Greenland) -30.3 25.3

Nord (Greenland) -51.9 17

Summit (Greenland) -67.2 3.6

Klinck (Greenland) -69.6

Torshavn (Faroe) -13.5 22.5

Vaga Floghavn (Faroe) -12.3 26.3

**DJIBOUTI**

Djibouti City 15 47.1

Djibouti Serpent 47.3\*

\* a suspicious 49.5C was likely taken under

not proper conditions

Tadjourah 49.5\*

\* questioned ,likely taken under not proper

conditions

Ali Sabieh 12.5

**DOMINICA**

Roseau 15\* 35\*

\* dubious,likely recorded under not proper

conditions

Melville Airport 16.1 34.3

Canefield Airport 18 35.5

Brantridge 13.9

**DOMINICAN REPUBLIC**

Santo Domingo 13\* 37.2

\* 11.4C was also recorded at the Airport

Station

Puerto Plata 9.4 40

Santiago 10.1 39

Barahona 15 37.5

Mao 12.2 40.4\*

\* a record of 43.2C was taken with not

proper instruments

Jimani 12 40.8

Constanza 0 32.5

Duarte Peak -8\*

\* unofficial

Las Piramides -9\*

\* unofficial

**ECUADOR**

Quito Observatory 0 29.9

Guayaquil 14 37.2

Cuenca	-2.9	28	
Nuevo Rocafuerte	14	38.5	
Putumayo		38.6	
Zapotillo		38.6	
Izobamba	-4.3	24.7	
Latacunga	-6	28.1	
El Refugio Cotopaxi	-14.2		
San Cristobal (Galapagos)	12.7	35	
Puerto Ayora (Galapagos)		35.2	
Bellavista (Galapagos)	11*		* dubious
<b>EGYPT</b>			
Cairo	-1.1	48.4	
Giza	-4	48	
Alexandria	2.2	45.1	
Kharga	-2.1	50.3	
Aswan	-2.4	49.3*	* old town record of 51.0C was recorded under not proper exposure conditions
Luxor	-2	50	
Port Said	0	45	
Sharm El Sheik	5	46	
Nekhel	-8.8	43.8	
Jabal Zubayr	-15		
<b>EL SALVADOR</b>			
San Salvador	8.2	38.6	
Acajutla	15.1	40.2	
La Union	13	42	
San Miguel	10	44.8	
La Hachadura		45	
Los Naranjos	-4	32	
El Pital Peak	-6.1		
<b>EQUATORIAL GUINEA</b>			
Malabo	16	35.3	
Bata	15	35.5	
Moka	8		
<b>ERITREA</b>			
Asmara	-4	31.1	
Massawa	10	48	
<b>ESTONIA</b>			
Tallin	-34.4	34.3	
Tartu	-38.6	35.2	
Voru	-43.4	35.6	
Jogeva	-43.5	34.6	
<b>ETHIOPIA</b>			
Addis Abeba City	-0.5*	32*	* extreme temperatures of -3.5C and 34.0C were recorded in other parts of the city
Jimma	-8*	38	* very dubious
Debre Birhan	-8		
Sanetti Plateau	-15	26	
Dallol		48.9	
Elidar		48	
Assaita		49.6*	* very dubious
<b>FIJI</b>			
Suva Airport	12.8	34.9*	* an old suspicious record of 36.7C was recorded in another Station
Nadi	11.3	37.1	
Nacocolevu		39.4*	* very dubious
Vatukoula		37.4	

Nadrau	6.5		
Navai Valley	5.6		
Rotuma Island	17	34.1	
<b>FINLAND</b>			
Helsinki Kaisaniemi	-34.3	33.1	
Helsinki Vantaa AP	-35.9	33.7	
Turku	-35.5	35.9*	* very dubious
Joensuu	-39.5	37.2	
Tampere	-37	33.1	
Jyvaskyla	-38.5	35	
Inari	-48.7	32.4	
Rovaniemi	-47.5	32.1	
Kittila-Pokka	-51.5	30	
Oulu	-41.5	33.3	
Lappeenranta	-38.3	34.6	
Lahti	-40	35	
Kuopio	-39*	35.5	* -41.1C was also recorded in the Airport
Station			
Sodankyla	-49.5*	31.7	* -51.3C was also recorded in February 1862
Marienhamn (Aland)	-32.9	31.3	
<b>FRANCE</b>			
Paris Downtown	-23.9	40.4	
Paris St.Maur	-25.6	42.3	
Paris Orly	-16.8	40	
Nice	-7.2	37.7	
Marseille	-16.8*	40.6	* -17.5C was also recorded in January 1819
Strasbourg	-23.6*	39.5	* -26.3C was also recorded in December 1788
Lille	-19.5	36.6	
Bordeaux	-16.4	40.7*	* 41.9C was also recorded in August 1892
Perpignan	-11	40.5	
Lyon	-24.6*	40.5	* -25.0C was also recorded in the Parc de la
Tete d'Or Station			in January 1893
Auxerre	-20.2	41.1*	* 41.5C was also recorded in August 1892
Caen	-19.6*	38.9	* -20.7C was also recorded in the Ecole
Normale Station			in February 1895
Grenoble	-27.1	39.5	
Nantes	-15.6	40.3	
Toulon	-9	40.1	
Toulouse Airport	-19.2	40.7	
Le Luc	-17	42.7	
Toulouse Francazal		44*	* very dubious, likely taken with not proper
instruments			
Vallon-Pont-d'Arc		44*	* unofficial, questioned
Conqueyrac		44.1*	* questioned
Saint Christol les Ales		44.1*	* unofficial
Ledignan		44.3*	* unofficial, questioned
Chamonix	-31	37.2	
Mouthe	-36.7*	35.7*	* unofficial records of -41.2C and 36.0C
			were set in 1985 and 1952
Saint Die des Vosges	-37		
Mont Blanc	-43	7.2*	* recorded on the Italian side
Ajaccio	-8.1	40.3*	* a record of 41.2C was also recorded in
the Parata station			
Bastia	-5	38.3	
St Pierre (St Pierre Mi.)	-22.5	28.3	
Cayenne (French Guiana)	20.1	33.7	
Cayenne AP (French Guiana)	17.2	35.1	

Saul (French Guiana)	14.8	36.2	
Saint Laurent (F. Guiana)	17.5	38	
Fort de France (Martinique)	17.3	35	
Lamentin (Martinique)	14.1	35.4	
Saint Pierre (Martinique)	16.4	36.5*	* dubious
Champflore (Martinique)	12.6	32	
Fonds-St-Denis (Martinique)	12*	33.4	* very dubious
Raizet (Guadeloupe)	13	34.2	
Basse Terre (Guadeloupe)	15	35	
St-Claude (Guadeloupe)	11*	33	* an unofficial value of 9.8C was recorded in December 1996
Soufriere Volcano (Guad.)	7.6*	29.9	* unofficial
Baillif (Guadeloupe)		36.5	
Gustavia (Saint Barthelemy)	15.6	35.5	
Orleans (Saint Martin)	17	36.4	
Papeete (French Polynesia)	14.9	34.6	
Bora Bora (French Polyn.)	17.7	35.2	
Atuona (French Polynesia)	18.1	36.1	
Rapa (French Polynesia)	8.5	31.6	
Noumea (New Caledonia)	12.2	36.8	
La Roche (New Caledonia)	2.8	33.5	
Boulouparis (New Caledonia)		39.9	
Bourail (New Caledonia)	2.3		
Hihifo (Wallis)	18	33.5	
Mala'etoli (Wallis)	17.6*	35.2*	* suspicious
Maopopo (Futuna)	19	35.8	
Saint Denis (Reunion I.)	12.8	35.2	
Le Port (Reunion I.)	14.9	36.9	
Cilaos (Reunion I.)	0.1	30.5	
Gite de Bellecombe (Reunion)	-5	25.1	
Dzaoudzi AP (Mayotte)	15.6	35	
Poroani Musee (Mayotte)	15.4	35.8	
Vahibe Prima (Mayotte)	14.5		
Tromelin Island	17.4	34.9	
Glorioso Island	15.9	35.1	
Juan de Nova Island	18.2	34.3	
Europa Island	9.4	35.8	
Port Aux Francais (Kerguelen)	-9.5	23	
Possession Island (Crozet)	-6.6	23.6	
Amsterdam Island	1.8	26.4	
<b>GABON</b>			
Libreville	16.1	35.1	
Franceville	12	36.1	
Mouila	12.5	37.2	
Tchibanga	14	37.5	
Mekambo	10		
<b>GAMBIA</b>			
Banjul	7.2	44.4	
Kuntaur		46.8	
Jenoi		46.8	
Boraba	4.4		
<b>GEORGIA</b>			
Tbilisi	-24.4	40.4*	* unofficial and questioned 42.0C was also recorded in July 1882
Kutaisi	-17	43.1	
Batumi	-7.5	40.6	
Zugdidi	-15.3	42.4	

Mta Sabuetti	-27	34.4	
Martvili	45.5*		* dubious
Kartsakhi	-41		
Mt Kazbegi Met.Stat.	-42	17	
Sukhumi (Abkhazia)	-13	41.7	
Pskhu (Abkhazia)	-27	41	
Lata (Abkhazia)		43	
Tskhinvali (S.Ossetia)	-28	36	
<b>GERMANY</b>			
Berlin station in January 1893	-26.1*	38.9	* -31.9C was also recorded at Blankenburg
Koln	-24.9	38.8	
Frankfurt	-27.2	39.6	
Munich	-31.6	37.7	
Hamburg	-29.1	38.8	
Stuttgart	-25.8	38.9	
Essen	-24	36.6	
Bremen 1788	-23.6*	37.6	* a dubious -35.6C was recorded in December 1788
Dresden	-30.5*	39.8	* -32.1C was also recorded in December 1788
Hannover	-26*	39	* -29.4C was also recorded in December 1788
Leipzig	-27.6*	38.5	* -28.7C was also recorded in 1776
Dusseldorf	-22.8	38.5	
Karlsruhe	-25.4	40.2	
Heligoland	-11.2	28.7	
Kitzingen	-32.2	40.3	
Landesbut	-45*		* unofficial
Funtensee	-45.8*		* unofficial, questioned
Hull	-37.8	37.4	
Zugspitze	-35.6	17.9	
<b>GHANA</b>			
Accra	15	37.8	
Kumasi	10.6	39	
Bui	6.7		
Navrongo		43.9	
<b>GREECE</b>			
Athens Hellinikon	-4.2	42.2	
Athens Votanikos	-10.4	44.5	
Elefsina	-7	48	
Tatoi	-8.8	48	
Thessalonik	-14*	44	* -15C was also recorded in January 1858
Patras	-6.4	43.5	
Heraklion (Crete) 1916	-1	44.4*	* 45.7C was recorded in the city station in 1916
Rhodes Airport	-3.9	42	
Larissa	-21.6*	45.4	* -22C was also recorded in January 1858
Ptolemaida	-27.8	41.7	
Kechroti	-35.3*		* unofficial
<b>GRENADA</b>			
Saint George's Airp.	16.7*	34	* recorded in the old downtown station
Pearls Airport	16.1		
Mac Donald College		35.7	
Mirabeau	16		
Grand Etang	13*		* very dubious
<b>GUATEMALA</b>			
Guatemala City	4.2	33.9	
Guatemala Airport	6.1	34.5	

Flores	9	42.6	
Estanzuela	7	45	
Gualan	6	47*	* dubious,likely taken under not proper conditions
Usumatlan	8	47*	* dubious,likely taken under not proper conditions
Puerto San Jose	12	40	
Puerto Barrios	11	39.6	
Coban	0.8	36	
Chichicastenango	-8.5	31.4	
Huehuetenango	-5.5	34.6	
Quetzaltenango	-10.5*	29.8	* unofficial -15.8C was recorded in January 1956
Olintepeque	-11.5	29.6	
<b>GUINEA</b>			
Conakry	16.1	36.1*	* a dubious 38.3C was recorded in the old Observatory
Labe	3.8	40	
Bareing	2.5		
Mali Ville	1.4		
Siguiiri	6.8	42.5	
Koundara		45	
<b>GUINEA BISSAU</b>			
Bissau	12.2	41.1	
Bafata	10	43.6	
Farim	7	43.2	
<b>GUYANA</b>			
Georgetown	17.4*	36.3*	* extremes of 16.6C and 37.2C were also recorded at the Airport Station
Mazaruni	15	37.8	
Kaieteur Falls	13		
Lethem		39	
St. Ignatius	18.9	39.4	
Yupukari		39.4	
Mount Roraima	1*		* unofficial
<b>HAITI</b>			
Port au Prince	15	39.4	
Gonaives		42*	* very dubious,likely taken under not proper conditions
Saint Marc		42*	* very dubious,likely taken under not proper conditions
Fort des Pins	1		
Seguin	1		
<b>HONDURAS</b>			
Tegucigalpa	3.9	37.8	
San Pedro Sula	9.4	43.3	
Guayabillas		45.5*	* very dubious,likely taken under not proper conditions
Santa Rosa de Copan	2.9	35.5	
La Esperanza	-0.6		
<b>HUNGARY</b>			
Budapest Observ.	-23.4*	40.1*	* extremes of -27C and 40.7C were recorded in the Airport stations
Debrecen	-31.6	40.2	
Szeged	-29.1	39.8	
Pecs	-27	41.3	
Baja	-34.1	41	

Kiskunhalas		41.9	
Miskolctapolca	-35		
<b>ICELAND</b>			
Reykjavik	-24.5	26.2	
Akureyri	-32.5*	29.4	* -35.7C also recorded in March 1810
Teigarhorn	-25.5	30.5	
Grimsey Island	-30.8	21.9*	* unofficial 26.2C in August 1876 was likely recorded under not standard conditions
Grimsstaoir	-37.9		
Moorudalur	-38	32.8*	* unreliable, likely taken under not proper exposure conditions
<b>INDIA</b>			
New Delhi City	-0.6	47.2	
New Delhi Palam	-2.2	48.4	
Mumbai Santacruz AP	7.4	42.2	
Mumbai Colaba Obs.	11.7	41.6	
Kolkata (Calcutta)	5	43.9	
Chennai (Madras)	13.9	45	
Bengaluru	7.8	39.2*	* temperatures as high as 41C were recorded in others city's suburbia stations
Allahabad	-0.7	48.8	
Lucknow	-1	48.3	
Jaipur	-2.2	48.5	
Nagpur	3.9	48.6	
Hyderabad	6.1	45.5	
Jammu	0.6	47.4	
Chandigarh	0	46.5	
Goa	13.3	39.8	
Bikaner	-4	49.5	
Ganganagar	-2.8	50	
Phalodi	-3.3	51	
Cherrapunji	-1	31.1	
Srinagar	-19.9	38.3	
Leh	-29.1	35.4*	* dubious
Kargil	-32.8		
Darbuk	-34		
Dras	-45*	33	* Dras temperatures were likely taken under not proper conditions
Siachen Glacier	-55*		* unofficial, dubious
Amini Divi	18.3	37.7	
Minnicoy Island	16.7	36.7	
Port Blair (Andaman)	16.1	36.8	
Long Island (Andaman)		37.6	
<b>INDONESIA</b>			
Jakarta Observat. Airport	18.9*	37	* a record of 16.9C was also set at the
Surabaya	16.5	38.8	
Semarang	17	39.5	
Cirebon Jatiwangi	17	39.5	
Kotabumi		40.2*	* dubious
Medan	17.2	37	
Banjarmasin	17	38	
Makassar	14.4	38.8	
Den Pasar (Bali)	17	36.1	
Jayapura (W.Papua)	17.6	36.8	
Wamena (W.Papua)	4.9	31.6	
Ambon (Moluccas)	18.3	36.4	



Kupang (W.Timor)	14.2	38.4	
Kertasarie Estate	-5.6		
Puncak Jaya	-8*		* unofficial
<b>IRAN</b>			
Tehran	-20.6	43.1	
Abadan	-5	52.3	
Ahvaz	-7	53.7	
Omidiyeh	-3.5	52.6	
Jask	5	47.2	
Esfahan	-20.1	43.3	
Shiraz	-14	43.2	
Tabriz	-25.4	42	
Mashad	-28	43.8	
Saqqez	-36	41	
Bijar	-36*	38.2	* a questioned temperature of -38C was likely recorded with not proper instruments
Kheyraabad	-36.4		
<b>IRAQ</b>			
Baghdad	-8.5*	51	* unofficial temperature of -12.2C also recorded
Nassirya Airport	-7.2	53	
Najaf	-7.2	51.5	
Basra	-4.7	53.9	
Kirkuk	-7	50	
Mossul	-17.6	51.1*	* suspicious
Salahaddin	-10.2	41.5	
<b>IRELAND</b>			
Dublin	-15.6*	30.6*	* extremes of -15.7C and 31.0C were recorded at the Casement Aerodrome
Cork	-9.4	29.4	
Shannon	-11.9	31.6	
Valentia	-7.7	29.8	
Kilkenny	-14.1	33.3*	* dubious
Lough Boora		32.5	
Markree Castle	-19.1	29.4	
<b>ISRAEL</b>			
Tel Aviv	-1.9	45.6*	* a questioned record of 46.5C was also recorded in 1916
Jerusalem	-6.7	42*	* a questioned 44.4C was also recorded in 1881
Mount Canaan	-9	40	
Haifa	-3	43.7	
Ramat David	-11.5	44	
Beer Sheva	-5	46.2	
Eilat Observatory	0.9	47.4*	* 48.8C was recorded in the Airport Station
Sedom	3	48.8	
Deganya	-3.3	49	
Qalya		51.2	
Almog (Qalya)		51.4*	* unofficial
Tirat Tsvi		54*	* wrong data caused by a faulty instrument
Tel Tanim	-13.1*		* reports of -13.7C are due to a typo error in the original source
Merom Golan	-14.2		
Mount Avital	-14.3*		* unofficial, questioned
Jericho (West Bank)	-0.4	50.5	
East Jerusalem (West Bank)	-6.7	44.4	
Hebron (West Bank)	-8.6		

Gaza (Gaza Strip)	-2	45.9	
<b>ITALY</b>			
Rome Center	-7.5	40.7	
Rome Fiumicino Air.	-7.8	38.6	
Milan City	-17.3	38.6*	* 39.8C recorded in the Brera Observatory is believed to be unreliable
Turin Observatory	-19.1	39.7*	* 41.6C was also recorded in the Turin North station
Florence City	-12.9	42.1	
Florence Airport	-23.2	42.6	
Venice	-15*	37.5	* -18C was also recorded in December 1788
Genoa	-8.5	38.5	
Bologna	-18.8	40.5	
Naples	-5.6*	40.5	* recorded at the Airport Station
Bari	-7	45.6	
Palermo Observatory	-2	45*	* a dubious 45.5C was recorded in August 1885
Cagliari	-4.8	43.6	
Catenanuova		48.5	
Lampedusa Island	2.2	40.9	
Plateau Rosa	-34.6	14.4*	* unofficial 17.2C was also recorded nearby in 2003
Monte Rosa Obs.	-41	9.3	
Mont Blanc	-43*	7.2	* recorded on the French side
Livigno	-38	29	
Gran Gioves	-42		
Busa Nord di Fradusta	-49.6*		* questioned, recorded in a frost hollow
<b>JAMAICA</b>			
Kingston	13.3	36.7	
Montego Bay	12.8	36.4	
Castleton Gardens	10	37.8	
Blue Mount.Range	0.7	23.3	
<b>JAPAN</b>			
Tokyo City	-9.2	39.5*	* unofficial 42.7C was recorded at the Primary School Station
Osaka City	-7.5	39.1	
Kyoto	-11.9	39.8	
Sendai	-11.7	37.2	
Sapporo	-28.5	36.2	
Yamagata	-20	40.8	
Shimanto	-6.9	41	
Mount Fuji	-38	17.8*	* questioned 18.2C also recorded in August 2007
Asahikawa	-41	36	
Bifuka	-41.5*	35.9	* unofficial
Nagoya	-10.3	39.9	
Hiroshima	-8.6	38.7	
Nagasaki	-7*	37.7	* recorded at the Airport Station
Naha (Okinawa)	4.9	35.6	
Chichijima	7.8	34.1	
Minamitorishima Is.	13.8	35.6	
<b>JORDAN</b>			
Amman	-7.5	44	
Ma'an	-8.4	43.5	
Aqaba	0.6	48.8	
Deir Alla		51.1	

Shoubak	-14*	38.2	* a temperature of -16C in December 2013 is
suspicious			
<b>KAZAKHSTAN</b>			
Astana	-51.6	41.6	
Almaty	-37.7	43.4	
Atbasar	-45.9*	41.6	* a dubious -57C also recorded in January
1893			
Semey	-51.4	42.5	
Kazalinsk	-36.3*	43.7	* unofficial -40C was also recorded in 1893
Pavlodar	-47.2	41.1	
Fort Shevchenko	-25	41.8	
Karaganda	-42.9	40.2	
Turkestan	-38.6	49.1	
Orlovka	-62*		* dubious
<b>KENYA</b>			
Nairobi	2	32.8	
Mombasa	13.6	38.9	
Garissa	13.9	41	
Wajir	14.5	42.6	
Eldoret	1.1	30.6	
Ettrick Estate	-3.3		
Teleki Valley	-13		
Mount Kenya	-22	11	
<b>KIRIBATI</b>			
Bonriki (Tarawa)	20	35.3	
Butaritari	18.9	35	
Tabuaeran	18.3	34.2	
Christmas Island	18.9	34.4	
Beru	20.3	35.2	
Banaba	20	35.6	
<b>KUWAIT</b>			
Kuwait Int. Airport	-4	52.1	
Kuwait City	-4.4*	51.9	* a temperature of -6.1C was also recorded
at Omariya Station in January 1964			
Mitribah	54*		* a faulty record of 54.4C in 2010 was taken
under not proper exposure conditions			
Bubiyan Island	-4.8	51.2	
Al Salmi	-4.8	50.9	
<b>KYRGYZSTAN</b>			
Bishkek	-34.4	43.8	
Chuy		44	
Naryn	-38	36.9	
Ak Say	-53.6	23.5	
<b>LAOS</b>			
Vientiane	2.4	41.1	
Luang Prabang	0.8	44.8*	* dubious, likely taken with not proper
instruments			
Savannakhet	1	42*	* a 44.4C in April 1974 was recorded with
not proper instruments			
Seno		42.3	
Pakse	7.2	41.3	
Xiang Khoang Plat.	-3.3	34	
<b>LATVIA</b>			
Riga	-34.9	35	
Liepaja	-32.9	35.6	
Aluksne	-37.4	33.3	
Daugavpils	-43.2	36.4	

Rucava		36.5	
Ventspils		37.8*	* questioned
<b>LEBANON</b>			
Beirut Observatory	-1.1	43.2	
Beirut Nazareth	-1.5	44.8	
Tripoli	-2.3	39.6	
Ksara	-18.3	41.2	
Yammoune	-22.7*		* it is also found rounded to -23.5C
Hermel		45	
Haouch ed Dahab		46.7*	* very dubious, likely recorded with not
proper instruments			
<b>LESOTHO</b>			
Maseru	-9.6	39.4	
Lets'eng-La-Draai	-20.4	31	
<b>LIBERIA</b>			
Monrovia Downtown	18	36.5	
Roberts Int.Airport	12.8	36.7	
Voinjama	4.4		
Ganta		40	
Tapeta		40	
<b>LIBYA</b>			
Tripoli City	-0.6	47	
Tripoli Airport	-1.3	49.1	
Misurata	0	47.6	
Sirt	0.4	48.5	
Benghazi Benina	0.6	45.6	
Ghadames	-8	48.4	
Jalo	-2.8	49.1	
Zuwarah	-1.1	50.2	
Hon	-9	48	
Al Azizia	-3	48*	* an old record of 58.0C was recorded under
terrible exposure conditions			
<b>LIECHTENSTEIN</b>			
Vaduz	-26	36	
Ruggel		37.4	
Malbun	-30	27	
<b>LITHUANIA</b>			
Vilnius	-37.2	35.4	
Kaunas	-36.3	35.3	
Zarasai		37.5	
Utena	-42.9	34.5	
<b>LUXEMBOURG</b>			
Luxembourg	-23.1	37.9	
Remich		39.9	
Obercorn		40.3*	* dubious
Wiltz	-24.6		
<b>MACEDONIA</b>			
Skopje	-25.6	43.2	
Bitola	-29.4	41.2	
Berovo	-31.5	39	
Demir Kapija		45.7	
<b>MADAGASCAR</b>			
Antananarivo	1.2	34.8*	* an old record of 36C was also set in the
Observatory			
Toamasina (Tamatave)	11.3	38.8	
Toliara	6.1	42.2	
Nosy Be	13.1	37	

Antsiranana	13.5	36.7	
Ejeda	3.9	43.6	
Nanokeli	-8.5		
Mount Andringitra	-11	30	
Andringitra Massif	-16*		* unofficial
<b>MALAWI</b>			
Lilongwe	-0.6	38.9*	* dubious, recorded in the City Hall station
Blantyre	4.4	38.7	
Zomba	5	38.6	
Chelinda	-6.7		
Nkate	6.7	46	
Chingala		46	
<b>MALAYSIA</b>			
Kuala Lumpur	17.8	37.4	
Penang	18	37.2	
Malacca	18.9	38	
Chuping	16.1	40.1	
Cameron Highlands	2.2*	27.9	* an unofficial temperature of 0.1C was also recorded
Kuching	17.8	37.3	
Sibu	16.5	37.1	
Kota Kinabalu	18.6	36.5	
Kudat	19.5	37.6	
Keningau	15	37.3	
Panar Laban Hut	0.6*		* unofficial
Labuan	20	36.6	
<b>MALDIVES</b>			
Male	19	34.2	
Hanimaadhoo	18.2	35	
Gan	19.7	33.6	
Kadhdhoo	20	34.8*	* a dubious 36.8C was recorded in May 1991
<b>MALI</b>			
Bamako	6.1	46.1	
Kayes	8.8	48.1	
Gao	6.5	48.2	
Timbuctu	4.8	47.8	
Kidal	0.5	47.8	
<b>MALTA</b>			
Valletta	1.2*	41.9	* a dubious 0.0C was also recorded in January 1858
Luqa Airport	1.4	43.8	
Balzan	2.6	43.1	
Ta'Qali	-1.7*		* unofficial
Nadur		44.4	
<b>MARSHALL ISLANDS</b>			
Majuro	20	34*	* dubious
Kwajalein	20	33.3	
Utirik		35.6	
<b>MAURITANIA</b>			
Nouakchott	3.9	48	
Nouadhibou	5	45.4	
Bir Moghreïn	1	49.1	
Kiffa	5	49	
Atar	2	48.9	
Akjoujt	6	50*	* dubious
Moudjeria		50*	* dubious, likely taken with not proper instruments

**MAURITIUS**

Port Louis	10.5	38*	* dubious
Plaisance Airport	11	34.4*	* a dubious 35.9C also recorded in January 1952
Pamplemousses	8.9	35.5	
Constance		36.6	
Vacoas	7.7	31.6	
Belle Rive	6.5		
Agalega Island	16.8	35.1	
Rodrigues Island	14.5	34.1	
Raphael Island (Cargados)	15.9	35.4*	* unofficial and dubious reading of 36.1C was also recorded in 1946

**MEXICO**

Mexico City	-4.4	33.9*	* 34.7C was also recorded in the Airport Station
Guadalajara	-5.5	39	
Monterrey	-8.5*	46.5	* an unofficial record of -15C was recorded in February 1895 in the highest parts of the city
Acapulco	15	40.5	
Puebla	-9	36	
Tijuana	-1.5*	41.8	* a questioned -4.0C was also recorded in December 1954
La Paz	-1.9	44	
Tampico	-2.5	45	
Ciudad Victoria	-6.1	46	
Cancun	7.2	39.5*	* dubious
Merida	5	43.6*	* a record of 45.0C was reported in the northern city station
Mexicali	-8	52	
Rancho Williams	-5	52*	* dubious
Delta	-6	52*	* very dubious, likely taken with not proper instruments
Chihuahua	-16*	41.4	* -18C was also recorded at the Airport
Los Lamentos	-29		
Mohinora Peak	-31*		* unofficial

**MICRONESIA**

Pohnpei	18.1	36.1*	* a dubious 36.7C was also recorded in November 2009
Chuuk	18.9	35.6	
Yap	18.3	35.9	

**MOLDOVA**

Chisinau	-31.5	39.4	
Bratuseni	-35.5		
Falesti		42.4	
Tiraspol (Transnistria)	-30*	41	* unofficial -32C was also recorded
Slobodzya (Transnistria)		41.9	
Camenca (Transnistria)	-32.8	41.5	

**MONACO**

Monaco Ville	-4	34	
Jardin Exotique	-5.2	34.5	

**MONGOLIA**

Ulaan Bataar	-49	38.6	
Buyant-Uhaa	-37	40	
Choibalsan	-41.6	41.9	
Tosontsengel	-52.9	36	
Khongor		44	
Zungoovi	-55.3		

Uvs Lake	-56		
<b>MONTENEGRO</b>			
Podgorica Downtown	-9.7	44.8	
Podgorica Airport	-12	42.5	
Bar	-7.2	37.7	
Danilovgrad		44.8	
Rozaje	-32	36	
<b>MOROCCO</b>			
Rabat Sale	-3.2	47.2	
Casablanca Airport	-2.7	45.2	
Fez Airport	-7.9*	46.4*	* records of -8.2C and 47.1C were taken in the City Observatory
Tangier	-4.2	43.5	
Agadir	-2.6	49.1*	* a dubious record of 51.8C in August 1940 is probably overestimated
Taroudant	-4	50.2*	* questioned, likely taken with not proper instruments
Marrakech	-5	49.6	
Ifrane	-24	37	
Oussikis	-24.1		
El Aaiun (W. Sahara)	2.8	47.2	
Semara (W. Sahara)	2.8	50.7	
Dakhla (W. Sahara)	7.2	42.2	
<b>MOZAMBIQUE</b>			
Maputo	5.1	45.5	
Inhambane	6.6	37.3	
Quelimane	9.9	44.4	
Pemba	12	36	
Tete	7.7	46	
Maue	-2.8	37.4	
Chibuto		47.3	
<b>MYANMAR</b>			
Naypyitaw	10	44.5	
Yangon (Rangoon)	9.1	42.5	
Mandalay	5.6	45.6	
Myinmu		47.2	
Kawthaung-Victoria	P.15	39.7	
Dawei	5.5	39.5	
Myitkyina	5	41.5	
Hakha	-6	30.5	
<b>NAMIBIA</b>			
Windhoek	-6.9	39.5	
Gobabis	-9.9	40.5	
Walvis Bay	2.3*	39.5*	* extremes of 0.0C and 42.8C were also recorded at the Airport
Noordoewer	-1.1	47.8	
Stampriet	-10.5	43.7	
<b>NAURU</b>			
Yaren	20.4	34.6*	* a dubious record of 35.3C was set in 1938
<b>NEPAL</b>			
Kathmandu	-3.9	37.8	
Pokhara	0.5	38.5	
Dhangadi	0	46.4	
Jumla	-15	34.6	
Lomantang	-22.5		
Tsho Rolpa Lake	-23.2	14.6	
Machhermo	-25*		* unofficial

**NETHERLANDS**

Amsterdam Airport	-19.7	34.5	
De Bilt	-24.7	35.7*	* a record of 36.8C in 1947 was corrected to 35.6C
Rotterdam	-20.3*	35*	* old extremes temperatures of -20.4C and 36.5C were recorded in the city
Eindhoven	-21.7	36.6	
Maastricht Airport	-19.3	38.2	
Maastricht City	-20.2*	38.4*	* old unofficial extremes of -22.9C and 38.8C were also recorded
Warnsveld		38.6	
Winterswijk	-27.4		
Oranjestad (Aruba)		19	35.3
Queen Beatrix Airport (Aruba)		19	36.5
Flamingo Airport (Bonaire)		19.8	36.3
Kralendijk (Bonaire)		18*	35.5 * an unreliable 16.4C was recorded in December 1962
Hato Airport (Curacao)		19	38.3
Willemstad (Curacao)		19*	36 * a dubious 17C was also recorded at the Fort Nassau station in 1933
Princess Juliana AP (St Maarten)	17		35.1
Roosevelt AP (Sint Eustatius)	16.4		34.3
Oranjestad (Sint Eustatius)	16.3*		* a dubious 16.0C was also recorded in December 1966
The Bottom (Saba)		17.8	33.2
National Marine Park (Saba)		16	35
Windwardside (Saba)			16
Hell's Gate (Saba)			16

**NEW ZEALAND**

Wellington	-1.9	31.1	
Auckland	-2.5	33.1*	* a questioned temperature of 34.4C was recorded in Albert Park Station
Christchurch	-10	41.6	
Dunedin	-8.8	35.7	
Invercargill	-9	32.2	
Queenstown	-11.4	34.1	
Rangiora		42.4	
Chateau Tongariro	-13.6	30	
Ophir	-21.6		
Ranfurly	-25.6		
Raoul Island	7.4	31	
Chatham Island	-2.5	26	
Campbell Island	-7.9	21.2	
Enderby Island	-4.2	16.9	
Alofi (Niue)		11.5	34.6
Hanan Airport (Niue)		10.6	33.9
Aitutaki (Cook Islands)	12.8	35.6*	* very dubious, likely recorded under not proper conditions
Avarua-Rarotonga (Cook)	8.9	35.4	
Penrhyn (Cook Islands)	19.3	35.1	
Fakaofu (Tokelau)	19	35.6	

**NICARAGUA**

Managua	14	39	
Jinotega	8.9	34.2	
Ocotal	7.7	39	
Esteli	5.5	35.8	
Chinandega	10	42	



San Francisco Libre	42*		* very dubious
Leon	13	40.1	
Rivas	16.3	36.6	
Bluefields	16	39.4	
<b>NIGER</b>			
Niamey	8.3	47	
Agadez	3	47.1	
Bilma	-2.4	49	
Nguigmi	3	47	
Tillabery	6	47	
<b>NIGERIA</b>			
Abuja	8	41	
Lagos	13.9	37.3	
Port Harcourt	13.9	38	
Ilorin	9	40.2	
Kano	3.9	43.6	
Maiduguri	6.1	46.1	
Yola		46.4*	* dubious
Sokoto	3.9	47.2*	* very dubious, likely taken with not proper
instruments			
Jos	4.4	37.2	
Potiskum	2.8	46.1	
<b>NORTH KOREA</b>			
Pyongyang	-30.2	37.8	
Chunggang	-43.6	38	
Wonsan	-24	39.6	
Sinuiju	-27.3	37.1	
Haeju	-19.4	38	
Hoeryong	-35.6	40.5	
Sinmusong	-45.1		
Baekdu Mountain	-51*		* unofficial
<b>NORWAY</b>			
Oslo Airport	-32	33	
Oslo City	-26*	35	* -27.9C was also recorded in February 1871
Bergen	-16.3	31.8	
Trondheim	-26.1	35	
Tromso City	-18.4*	30.2*	* -21.8C and 30.4C were also recorded in
suburbia stations			
Hammerfest	-23.5	29.7	
Nesbyen	-38	35.6	
Roros	-50.4	30.7	
Karasjok	-51.4	32.4	
Finse	-39.6	24.8	
Mount Fannaraki	-33	18.5	
Bjornoya Island	-31.6	23.6	
Hopen Island	-36.9	17.4	
Jan Mayen Island	-28.4	18	
Longyearbyen (Svalbard)	-46.3	21.3	
Barentsburg (Svalbard)	-39.8	20.3	
Gronfjorden (Svalbard)	-49.4		
Bouvet Island	-18.7	10.6	
<b>OMAN</b>			
Muscat Airport	9.4	49.2	
Salalah	10	47.2	
Fahud	5.6	50.7	
Buraimi	2.5	50.8	
Sohar Majis	5.7	50.8	

Qurayyat		50.8	
Joba		50.8	
Saiq	-3.6	37.1	
Jabal ash Sham	-9.7	27.6	
<b>PAKISTAN</b>			
Islamabad	-4.3	46.6	
Lahore	-2.2	48.3	
Karachi	0	47.8	
Jacobabad	-3.9	52.8	
Mohenjo-daro	-5.4	53.5	
Turbat	2	53.5	
Peshawar	-3.9	50	
Dalbandin	-12.2	51.4	
Quetta	-18.3	42	
Skardu station	-24.1	41*	* an old 42.7C was also recorded in another
Astore	-26	37	
Arboi	-30*		* unofficial
<b>PALAU</b>			
Ngerulmud			
Koror	20.6	34.4	
Nekken Forestry	18.9	34.4	
<b>PANAMA</b>			
Panama City	17.5	38	
David	16.5	38	
Santiago	15.6	39.4	
Puerto Colon	18.9	36.1	
San Francisco	15.4	40	
Bajo Grande	2	26.2	
Baru Volcano	-6*		* unofficial
<b>PAPUA NEW GUINEA</b>			
Port Moresby	14.4	37.2	
Lae	17.3	38.7	
Bubia		38.9	
Erap		38.9	
Goroka	6.1	30.6	
Tambul	-2.7		
Kieta (Bougainville)	17.8	35.6	
Buin (Bougainville)		36.7	
<b>PARAGUAY</b>			
Asuncion Downtown	-2.3	43.3	
Asuncion Guarani AP	-1.2	40	
Ciudad del Este	-3	40.2	
Encarnacion	-6	42	
Concepcion	-2.8	42.6	
Pedro Pena	-7	44.8	
Prats Gill	-7.5	45	
<b>PERU</b>			
Lima Airport	8.8	33.9*	* extremes of 6.8C and 35.2C were also recorded in La Molina district
Iquitos	11.2	38.6	
Cuzco	-9	29.9	
Arequipa	-4	29.4	
Tacna	0.6	33.5	
Pucallpa	8	39.6	
Neshuya		41.1	
Nuevo Lima		41.6*	* dubious

Macusani -28.2  
 Chuapalca -28.3\* \* suspicious, likely taken under not proper  
 exposure conditions

**PHILIPPINES**

Manila Metro 14.5\* 38.8\* \* old unofficial records were 13.5C in  
 February 1767 and 39.7C in May 1878  
 Tuguegarao 12.2 42.2  
 Baguio 3 30  
 Mount Pulag -8\* \* unofficial  
 Basco 11.6 36.5  
 Iloilo 16.5 37.8  
 Puerto Princesa 17.2 36.4  
 Cuyo 19 37.2  
 Cotabato (Mindanao) 17.4 38.2  
 Gen.Santos (Mindanao) 16.9 39.4  
 Malaybalay (Mindanao) 10 36.4

**POLAND**

Warsaw -32.5\* 37.7 \* -33.7C was also recorded in February 1855  
 Lodz -30.3\* 37.6 \* -32.5C was also recorded in the Ruda  
 Pabianicka station  
 Krakow -33.1 38.4\* \* 39.2C was also recorded in the  
 Astronomical Observatory  
 Poznan -29.1 38.7  
 Kolo -28.6 38.4  
 Slubice -29.4 39.5  
 Wroclaw -32 38.9  
 Proszkow (Opole) 40.2  
 Kasprowy Wierch -30.2 23  
 Zywiec -40.6  
 Siedlce -33.3\* 35.5 \* -41C recorded in January 1940 was likely  
 taken with not proper instruments  
 Czarny Dunajec -41\* 33.9 \* unofficial  
 Kaliszl -42\* \* unofficial, dubious  
 Czechowice-Dziedzic -42\* \* unofficial  
 Dubie -42\* \* unofficial, dubious  
 Rabka -45\* \* unofficial, questioned  
 Jablonka -46\* \* unofficial, questioned

**PORTUGAL**

Lisbon -2.2\* 43 \* an old record of -3.5C was also set in  
 1766  
 Porto -5 40.9  
 Faro -1.4 44.3  
 Setubal -5.3 43.5  
 Beja -5.5 45.4  
 Braganca -12 39.6  
 Amareleja 47.4  
 Penhas da Saude -16  
 Miranda do Douro -16 38.8  
 Funchal (Madeira) 4.4 38.5  
 Sanatorio do Monte (Madeira) 39  
 Santo da Serra (Madeira) 40\* \* unofficial  
 Arieiro Peak (Madeira) -7  
 Bica da Cana (Madeira) -9.5\* \* dubious  
 Santa Maria (Azores) 4.8 30.7  
 Lajes (Azores) 1.8 31.5  
 Madalena (Azores) 32.1  
 Cerrado dos Bezerros (Azores) 0.3 27

Cha das Lagoinhas (Azores) -3.5

**QATAR**

Doha Airport 5 50.4  
Umm Said 3 52.2\* \* dubious  
Abu Samra 1.5

**ROMANIA**

Bucharest -30\* 42.4 \* -32.2C was also recorded in the Baneasa  
Airport in January 1942  
Timisoara -35.3 41.1  
Iasi -36.3 41.3  
Cluj -34.2 38.5  
Constanta -25 38.5  
Galati -28.6 40.5  
Miercurea Ciuc -38.4 36  
Ion Sion Farm (Ramnicelu) 44.5  
Varfu Omul -38 22.1  
Bod -38.5

**RUSSIA**

Moscow Observatory-42.1 38.2\* \* 39.7C was also recorded in the Bykovo  
Airport Station  
St.Petersburg -35.9 37.1  
Nizhniy Novgorod -41.4 38.3  
Kaliningrad -33.3 36.5  
Archangelsk -45.2 34.4  
Murmansk -39.4 32.9  
Omnsk -49 40.4  
Pechora -56 34.9  
Ust'Schugor (Europe)-58.1 35  
Sochi -13.4\* 39.4 \* unofficial lowest of -18C also recorded  
Grozny (Chechnya) -31.5 42  
Astrakhan -33.8 41  
Jaskul -36.1 44.4  
Utta 45.4  
Krasnoyarsk -52.8 36.4  
Hatanga -59 36.7  
Irkutsk -49.7 37.2  
Verkhoyansk -67.6\* 37.3 \* originally -69.8C, later corrected for  
reading and overexposure errors  
Oymyakon -67.7\* 34.6 \* an extrapolated data of -71.2C in 1926 is  
also on records  
Vladivostok Port -31.4 33.6  
Magadan -34.6 26  
Yuzhno-Kuril'ske -20.3 30.5  
Ust Kara (Asia) -50 42.7  
Vize Island -47.9 9.2

**RWANDA**

Kigali 9 35.4\* \* an old record of 35.6C is probably  
unreliable  
Butare 8.5 32  
Kinigi 0  
Ruhondo 0

**ST KITTS AND NEVIS**

Basseterre 16.1 35.1  
Golden Rock AP 16 34.1  
Nevis Airport 18 34.1

**ST LUCIA**

Castries 15.6 35.6

Soufriere	13.3*	36.1*	* Soufriere old data was likely taken with not proper instruments
Hewanorra Airport	17.4	33.5	
Reunion		35.6	
<b>ST VINCENT AND THE GRENADINES</b>			
Kingstown Downtown	16.7	33.9	
Arnon Vale Airport	18	33.5	
Camden Park		35.6	
<b>SAMOA</b>			
Apia	16.1	35.2	
Alaufa	15.3	34.9	
Asau	16.8	36.5	
Afiamalu	10.5	29.7*	* a dubious 31.8C was also recorded in 2015
<b>SAN MARINO</b>			
San Marino City	-13.6	39.9	
Serravalle	-18	40.3	
<b>SAO TOME AND PRINCIPE</b>			
Sao Tome	13.3	36	
Sto Antonio (Principe)	15.6	34.7	
Monte Cafe	8.7	32.5	
<b>SAUDI ARABIA</b>			
Ryad	-7.2	49	
Yenbo	4.7	49.5	
Madinah	-1	49	
Jeddah	9	52	
Makkah	8	51.4	
Gizan	11.8	45.3	
Abha	0.2	38.1	
Dhahran	-1	51.1	
Shaybah	2	53*	* dubious
Khurais	-2	52	
Turaif	-12.2	47	
<b>SENEGAL</b>			
Dakar	10.7	42.7	
Matam	6.8	48.8	
Podor	6.1	47.9	
Fete Ole		49*	* unofficial
Linguere	5.4	47.7*	* dubious
Kaolak	7.9	47.8*	* dubious
Ziguinchor (Casam.)	7.8	45	
Tambacounda	7.2	46.2	
Diourbel	4.2	47.5	
<b>SERBIA</b>			
Belgrade	-26.2*	43.6	* -29.5C was also recorded in the Zemun
Polje Airport in 1963			
Novi Sad	-30.7	41.6	
Kraljevo	-27.1	44.3	
Smederevska Palanka	-32.6	44.9	
Cuprija	-28.4	44.6	
Nis	-23.7	44.2	
Sjenica	-38	36.2	
Karajukica Bunari	-39.5		
Kapaonik	-26.6	30	
Pristina (Kosovo)	-27.2	40	
Prizren (Kosovo)	-23.6	42	
Gnjilane (Kosovo)	-32.5		
<b>SEYCHELLES</b>			

Port Victoria	19.3	32.8
La Pointe La Rue AP	19.6	34.8
Aldabra Atoll	17.5	36.3

**SIERRA LEONE**

Freetown	15	37*	* a questioned record of 38.6C was taken under not proper exposure conditions
Bo	12	38.5	
Makeni	9	39.4	
Daru	11.7	40	
Njala	6.1	40	
Mano		40	
Musaia		40*	* suspicious, likely taken with not proper instruments
Kabala	5	37.8	

**SINGAPORE**

Singapore Downtown	18.9	36.1
Changi Airport	20.2	36
Tengah Air Base	18.9	37

**SLOVAKIA**

Bratislava	-31.8*	39.4	* -36C was also recorded at Devínska Nová Ves Station in 1929
Kosice	-30.5	39	
Hurbanovo	-35	40.3	
Lomnický Stit	-31.5	19.4	
Viglas Pstrus-Dolina	-41		

**SLOVENIA**

Ljubljana	-26.4*	40.2	* -28.2C was also recorded at the old Brnik Station in 1940
Kocevje	-31.5	38	
Murska Sobota	-31	40.1	
Maribor	-26.7	40.6	
Crnomelj	-26.3	40.6	
Cerklje ob Krki		40.8	
Trebnje		41.4*	* unofficial, dubious
Mount Kredarica	-28.3	21.6	
Babno-Polje	-34.5*	34.8	* unofficial temperature of -39.6C was recorded nearby in February 1929
Lepa Komna	-49.1*		* recorded in a frost hollow

**SOLOMON ISLANDS**

Honiara	16.6	36.1	
Munda	17.4	35	
Lata (Santa Cruz)	18.9	34.2	
Kira Kira	15.6*	35.7*	* very dubious
Tulaghi		36.1*	* dubious

**SOMALIA**

Mogadishu	15	39.8	
Kisimayo	18	37.8	
Baidoa	16.1	38.9	
Bosaso		45.3	
Qardho	5.6		
Berbera (Somaliland)	12.2	47.8	
Hargeysa (Somaliland)	2.8	37.7	
Erigavo (Somaliland)	-3.3*	31	* dubious, like taken with not proper instruments

**SOUTH AFRICA**

Cape Town Observ.	1.4*	42.4	* -2.2 was also recorded in the former Wingfield airfield
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Pretoria	-6.1	42.7	
Bloemfontein	-12.2	42	
Johannesburg	-8.2	38.9	
Cape Point	3.5	39.3	
Durban	2.6	41.9	
Port Elizabeth	-0.5	40.7	
Sutherland	-16.4	37.9	
Buffelsfontein	-20.1*	38.6	* dubious
Violsdrif		48.8	
Dunbrody		50*	* very dubious
Marion Island	-6.8	25.6	
<b>SOUTH KOREA</b>			
Seoul station	-23.1*	38.4	* -24.4C was also recorded in another city
Incheon	-21	38.9	
Busan Station	-14*	37.3	* -15.0C was also recorded in the Airport
Taegu	-20.2	40	
Jeju Station	-6*	37.5	* -7C was also recorded in the Airport
Yangpyong	-32.6	37.6	
Daegwallyeong	-28.9	32.7	
Hapcheon	-16.9	39.2*	* unofficial and questioned temperature of
41.2C was set in July 1994			
Cholwon	-33*		* unofficial
<b>SOUTH SUDAN</b>			
Ramciel	8.3*	43.3*	* data from nearby town of Rumbek
Juba	11.1	44.5	
Wau	9.3	44.6*	* an old suspicious 46.0C also recorded
Raga	4.2	43.9	
Renk	7.6	47.3	
<b>SPAIN</b>			
Madrid Retiro Obs.	-10.4	40.6	
Madrid Barajas AP	-15.2	42.2	
Barcelona City at the Fabra Hill Observatory	-6.8*	39.3*	* extremes of -10.0C and 39.8C were recorded
Barcelona Airport	-8	37.4	
Seville	-5.8	47	
La Coruna City	-3	39.6	
Valencia	-8*	43*	* extremes of -9.5C and 44.5C were also
recorded in the Manises Airfield			
Granada Airport	-14.2	45.7	
Malaga Airport	-3.8	44.2	
Leon	-17.4	38.2	
Bilbao	-8.6*	42*	* old records of -11.2C and 43.4C were
likely taken with not proper instruments			
Ibiza Island	-3	38.4	
Calamocha	-30	40	
Murcia Observatory in 1985	-6*	47.2	* -7.5C was also recorded in the Maciascoque
Montoro July 1995		47.3*	* an unofficial 48.0C was also recorded in
Totana		48*	* unofficial
Utrera		48*	* unofficial
Arahal instruments		49*	* dubious, likely taken with not proper

Lora del Rio	48*		* dubious, likely taken with not proper instruments
La Palma del Condado	48*		* dubious, likely taken with not proper instruments
Estany Gento	-32	27.1	
Viña Acevedo (Ceuta)	1.3	40.2	
Monte Hacho (Ceuta)	-0.4	38.5	
Melilla	-0.5	41.8	
Sta Cruz de Tenerife (Canary)	8.1	42.6	
Gran Canaria AP (Canary)	6.5	44.2	
Fuerteventura AP (Canary)	5.4	44	
La Palma AP (Canary)	9.4	38.4	
Lanzarote AP (Canary)	8	43.6	
Hierro AP (Canary)	8	34.2	
Arrecife (Canary)	7	48*	* dubious
Izana (Canary)	-9.8	30.4	
Teide Peak (Canary)	-16.8	25.8	
Canada de la Grieta (Canary)	-21*	34	* unofficial

**SRI LANKA**

Colombo	15.2	37	
Negombo Airport	15.3	38.4	
Batticaloa	16.9	39	
Trincomalee	18.2	39.8	
Anuradhapura	11.8	39.6	
Vavuniya		40.1	
Bandarawela	5.3	33	
Nuwara Eliya	-2.7	27.7	

**SUDAN**

Khartoum	5.2	47.7	
Port Sudan	10	48.6	
Wadi Halfa	1	48.9	
Abu Hamed	4.5	49.5	
Dongola	1	49.7	
Zalingei	-1	42.7	
El Fasher	0.6	46	
Damazine	8.5	47	

**SURINAME**

Paramaribo	14.4	37.8	
Zanderij	14.3	38	
Nickerie	16.4	35	
Placers L en F de Jong 17	39.3*		* dubious

**SWAZILAND**

Mbabane	-6.1	38.3	
Manzini	0	42.8	
Lavumisa	-0.5	47.4	

**SWEDEN**

Stockholm Observ.	-32*	36*	* old dubious records, likely taken with not proper instruments
Stockholm Bromma	-32.8	35.3	
Gothenburg	-26.4	34.1	
Malmo	-28	34	
Uppsala	-39.5	37.4	
Linkoping	-33.5	34.6	
Vasteras	-36.5	36	
Malilla	-33.8	38*	* dubious
Ultuna	-32.2	38*	* dubious



Karesuando	-49*	32.5	* an unofficial reading of -54C was recorded
in the churchyard of the town			
Pite	-41.5	34.9	
Nikkaluokta	-49.4	28.5	
Vuoggatjalme	-52.6	29.3	
Malgovik	-53*		* very questioned, recorded with private equipments
Buttle (Gotland Is.)	-32.8	35.2	
Ekerum (Oland Is.)	-29.2	33	
Mossen (Oland Is.)	-26.1	34.5	
<b>SWITZERLAND</b>			
Bern	-23.3	37	
Geneva	-19.9*	39.7	* -25.3C was also recorded in January 1838
Zurich Observat.	-24.2	36*	* a reading of 37.7C of 1947 have been corrected to 35.8C by Meteo Swiss
Zurich Airport	-24.8	37.1	
Basel	-24.1	39.1	
Grono	-13	41.5*	* questioned, recorded under not proper conditions
Lugano	-14	37.1*	* a reading of 38.0C of 1945 have been discounted by Meteo Swiss
Saentis	-32	20.6	
Jungfrauoch	-36.6	12.8	
La Brevine	-42.5*	33.7	* originally -41.8C, later corrected by Meteo Swiss
Glattalp	-52.5*		* unofficial, recorded in a hollow frost
<b>SYRIA</b>			
Damascus Airport	-13.5*	46	* -15C was also recorded in Madaya Station in 1950
Aleppo	-18	47	
Palmyra	-10.4	48.3	
Deir El Zor	-10.4	47.8	
Hassakah	-11	49.4	
Tel Abiadh	-16.5	46.1	
Idlib	-23		
<b>TAIWAN</b>			
Taipei	-0.2	39.3	
Taichung	-1	39.9*	* a semi official reading of 41.2C was also in the Agro station
Kaohsiung	4.4	37.2	
Taitong	7.2	40.2	
Penghu Island	7.2	36.7	
Alishan	-11.5	25.5	
Yushan North Peak	-18.4	21.8	
<b>TAJIKISTAN</b>			
Dushanbe	-29	44	
Khorog (Gorno Bad.)	-32	38.6	
Shaymak	-51.6	27	
Eastern Pamir	-63*		* unofficial
Khundjand	-22.8	45.9	
Qurghonteppa	-24.1	46	
Aivadj		47	
Nizhniy Pyandzh	-27	48*	* dubious
<b>TANZANIA</b>			
Dar es Salaam Air.	12.8	36.3	
Dodoma	7.6	36.7	
Tanga	15.5	35.2	

Mbeya	-5.5*	32	* dubious
Moshi	8	38.9	
Kilimanjaro Airport	6	38.7	
Kisauni (Zanzibar)	16	39.4	
Wete (Pemba)	15.6		
Mount Kilimanjaro	-22*		* unofficial
<b>THAILAND</b>			
Bangkok	9.9	40.8	
Pattaya	14.6	37.3	
Phuket Town	17.4	37.9	
Koh Samui	17.8	38	
Narathiwat	17.1	39	
Chiang Mai	3.7	42.5	
Chiang Rai	1	41.8	
Udon Thani	2.5	43.9	
Ubon Ratchathani	6.7	42.6	
Sakon Nakhon	-1.4	42.5	
Dan Sai	-1.5		
Mae Hong Son	3.9	44.6	
Doi Inthanon	-8		
Mt.Luang Chiang Dao	-9*		* unofficial
<b>TIMOR LESTE</b>			
Dili	11.8	36.6	
Viqueque	12	38	
Baucau		38*	* dubious
Bobonaro		38*	* dubious
Hato Lia		38*	* dubious
Oecusse	15.6	35.4	
Hato Builico	1	25	
<b>TOGO</b>			
Lome	14.3	37.6	
Sokode	10	41.2	
Mango	10	43.4	
Palime	9.8	37	
<b>TONGA</b>			
Nuku'Alofa	8.3	33.9	
Fuaamotu Airport	8.7	34.4	
Keppel Island	11.1	34.6	
Lupepau'U (Vava'u)	10	35	
Niuafuou	13.2	35.5	
<b>TRINIDAD AND TOBAGO</b>			
Port of Spain AP	15.6*	36.5	* a temperature of 14.4C in December 1929 is suspicious
Tobago Airport	18.2	34.4	
Penal	15		
<b>TUNISIA</b>			
Tunis	-3.8	47.4	
Bizerte	-2	47.7	
Sfax Airport	-2.3	47.8	
Djerba	0	47.5	
Kebili	-5	48.5*	* a wrong record of 55.0C was taken under terrible exposure conditions
El Borma		50.1	
Burj al-Hattabah	-9		
Bou Chebka	-10.3		
<b>TURKEY</b>			
Ankara Downtown	-24.9	41	

Ankara Airport	-31.2	41.2	
Istanbul	-16.1	41.5	
Izmir	-11.1	43.2	
Edirne (Europe)	-22.2	44.1	
Luleburgaz (Europe)	-24.2		
Erzurum	-40	36.5	
Antalya	-7.8	45.6	
Iskenderun	-3.2	43.2	
Samsun	-8.1	39	
Diyarbakyr	-24.2	46.2	
Sanliurfa	-12.4	46.8	
Batman	-24	48.8*	* very dubious
Cizre		48.6	
Agri (Karakose)	-45.6	39.9	
<b>TURKMENISTAN</b>			
Ashgabat	-28	47.2*	* unofficial reading of 48C also recorded
Turkmenbasy	-21.9	44.7	
Repetek Reserve	-31	50.1	
Serhetabat (Kushka)	-33.8	47.6	
Chesme	-35	49	
Dashoguz	-36*		* unofficial
<b>TUVALU</b>			
Funafuti	19.7	35.3*	* an old record of 36.1C is probably
unreliable			
Nui	19.5*	35.9*	* dubious, likely taken with not proper
instruments			
Niulakita	20.6	36.1*	* dubious, likely taken with not proper
instruments			
<b>UGANDA</b>			
Kampala	10	36.2	
Entebbe Airport	10	32.2	
Kabale	2.8	31	
Soroti		40.1*	* dubious, likely taken under not proper
conditions			
Kitgum		40	
Mbarara	-1.1*		* unreliable, likely taken under not proper
conditions			
Rwenzori Range	-7.7*		* unofficial
<b>UKRAINE</b>			
Kyiv	-32.9	39.4	
Simferopol	-30.3	39.5	
Yalta	-15.1*	39.1	* unofficial -17.8C was also recorded
Odessa	-29	39.3	
Kherson	-32.2	41	
Voznesensk	-29.7	41.3	
Lukhansk	-41.9	42	
Ai Petri	-27.4	30.2	
<b>UNITED ARAB EMIRATES</b>			
Abu Dhabi Airport	5.4	49.3	
Sharjah	2.5	49.3	
Dubai	7.4	49.3	
Ras al Khaimah	4.4	48.8	
Fujairah	10.8	50.2	
Al Jazeera	1.3	52.1*	* suspicious
Mezaira	5.6	51.5	
Rakhna	-1	49.9	
Jabal Jais	-5.4	38	

**UNITED KINGDOM (and Crown's dependencies)**

Greater London	-18.8*	38.1	* -21.1C also recorded in December 1796 and January 1795
London Greenwich	-16.1	37.5	
Birmingham City	-15.8	34.4	
Birmingham Airp.	-20.8	34.9	
Liverpool	-14	34.7	
Manchester	-17.8*	33.7*	* old extremes of-24C and 34.2C were taken with not proper instruments
Aberdeen	-20.6	30	
Glasgow	-19.9	31.2*	* 32.4C was also recorded in the Prestwick Airport in 1948
Edinburgh	-17.4	31.4	
Cardiff	-16.7	34.5	
Belfast	-12.8*	30.8	* -14.9C was also recorded at the Airport Station in December 2010
Cairngorm	-16.5	21.7	
Blackadder	-30.6*		* unofficial and questioned reading recorded in December 1879
Saint Albans	-33.9*		* unofficial and questioned reading recorded in December 1788
Brogdale (England)		38.5	
Hawarden Bridge (Wales)		35.2	
Greycrook (Scotland)		32.9	
Knockarevan (N.Ireland)		30.8	
Edgmond(England)		-26.1	
Braemar (Scotland)		-27.2	28
Altnaharra (Scotland)		-27.2	
Rhayader (Wales)		-23.3	
Castleberg (N. Ireland)		-18.6	30
Edenfel (N.Ireland)		-19.4*	* unofficial, recorded under not standard exposure conditions
Jersey St. Helier		-10.3	36
Jersey Airport		-10.9	34.8
Guernsey Airport		-7.2	34.3
Rocquaine Bay (Guernsey)			35
Saint Peter (Guernsey)		-8.4	
Alderney Island		-9*	35* * questioned
Sark Island		-7.5	33.3
Isle of Man Airport		-9.1	28.9
Douglas (Isle of Man)		-11.7	29.6* * unofficial, dubious
St.Mary's (Scilly Is.)		-7.3	27.8
Kirkwall (Orkney)		-7.8	25.6
Deerness (Orkney)		-13.3*	* dubious
Lerwick (Shetland)		-8.9	23.4
Baltasound (Shetland)		-11.9	24.4
Sumburgh (Shetland)		-10	27.8
Stornoway (Hebrides)		-12.2	26.3
Benbecula (Hebrides)			27.2
Fair Isle		-5.6	20.2
Sule Skerry		-3	20
Gibraltar		-2.9	40.6
Wade Airport (Bermuda)		6.7	33.9
Prospect (Bermuda)		6.1	34.9
Fort George (Bermuda)		5	34.5
Plymouth (Montserrat)		15.6	33.3
Grand Turk (Turks C.)		15.6	35.6

Owens Roberts AP (Cayman I.)	11.1	34.9	
West Bay (Cayman I.)	11.2	34.9	
Georgetown (Cayman I.)	36.3*		* unofficial, recorded with a private equipment
The Valley (Anguilla)	17.9	34.2	
Tortola (Virgin Is.)	16.7*	34.4*	* questioned, likely taken under not proper conditions
Beef Is. AP (Virgin I.)	19	35	
Stanley (Falkland I.)	-11.1	26.1	
Mount Pleasant (Falkland I.)	-10.4	29.2	
Pebble Island (Falkland I.)	-4.4	21	
Sea Lion Island (Falkland I.)	-8.7	19.9	
Weddell Island (Falkland I.)	-7.2	22.2	
Grytviken (South Georgia)	-19.4	23.5	
King Edward Point (S.Georgia)	-18.9	26.3	
Bird Island (S.Georgia)	-11.4	14.5	
South Thule Isl. (S.Sandwich)	-29.8	17.7	
Jamestown (St Helena)	14.4	33.9	
St Matthews (St Helena)	7.8	28.8	
Wide Awake F. (Ascension)	18.3	32.5	
Georgetown (Ascension)	18.8	34.9	
Residency (Ascension)	14.5	30.8	
Tristan da Cunha Is.	2.4	27.6	
Gough Island	-2.7	28.6	
Diego Garcia Island	18.3	37.2	
Adamstown (Pitcairn)	10	30.3	
Henderson Isl. (Pitcairn)		35	

#### UNITED STATES

##### **URUGUAY**

Montevideo	-5.8*	42.8	* -7.4C was also recorded in the Carrasco Airport
Salto	-5.3	42.2	
Rocha	-5.8	42	
Artigas	-5.2	42	
Mercedes	-8.2	42.8*	* 44.6C in 1923 was likely taken with not proper instruments
Rivera	-5.4	42.2*	* 44.0C in 1953 was likely taken with not proper instruments
Paysandu	-7.4	44	
Melo	-11	42.1*	* 43.1C in 1935 was likely taken with not proper instruments

##### **UZBEKISTAN**

Tashkent	-29.5	44.6	
Termez	-21.7*	47*	* unofficial old readings of -25C and 50.5C were taken with not proper conditions
Tamdy	-30.1	48.4	
Samarkand	-25.4	42.4	
Kulkuduk	-37	47	
Mashikuduk		49.7	
Karakalpakiya	-39.8	46	

##### **VANUATU**

Port Vila Airport	8.5	35.7	
Santo-Pekoa Airport	12.6	34.4	
Aneityum	11	34.3	
Sola Vanua Lava	12	35	

Lamap Malekula	13.5	36.2	
<b>VATICAN CITY*</b>	-7.2	40.7	* data from the Rome Center stations of
Macao and Collegio Romano is used			
<b>VENEZUELA</b>			
Caracas Downtown	7.1*	35.3*	* temperatures of 6.0C and 35.5C were
recorded in other city's stations			
Caracas Airport	15.4	37.1	
Maracaibo	17	41	
Ciudad Bolivar	17.7	40.4	
Coro	18*	42.9	* an old record of 16.0C was likely affected
by overexposure			
Maracay	10.8	38.5	
Margarita Island	16	38	
Merida	7.9	33.2	
Mucubaji	-8.6	22.2	
Piedras Blancas	-12*		* unofficial
<b>VIETNAM</b>			
Hanoi	2.7	41.5*	* an old record of 42.8C at the Gia Lam
Airport was taken under not standard exposure conditions			
Ho Chi Min City	13.8	40.6*	* an old record of 41.7C was taken with not
proper instruments			
Vinh	4	42.1	
Da Nang	7.2	42	
Na Thrang	14.6	39.5	
Tuong Duong	1.7	42.7	
Con Cuong		42.7	
Tay Hieu		43*	* questioned
Sa Pa	-6.1	33	
Truong Sa (Spratly)	17.4	36.9	
<b>YEMEN</b>			
Sanaa	-5.8	34.4	
Aden	14.1	43.3	
Ryan	13.8	43.9	
Seiyoun		46.3	
Kitab	-9		
Socotra Island	17	42	
<b>ZAMBIA</b>			
Lusaka	0.2	39.6	
Livingstone	-3.7	41.3	
Mfuwe	1	43.5	
Lusitu		46.4*	* dubious, likely recorded with not proper
instruments			
Choma	-9	39.1	
<b>ZIMBABWE</b>			
Harare	-1.2	36.7	
Bulawayo	-4	39.3	
Victoria Falls	-4.3	41.1	
Beitbridge	-1.1	45.6	
Kariba	2.7	45.6*	* dubious, likely recorded with not proper
instruments			
Buffalo Range	0.6	45.5	
Matopos	-10.3	38.2	
Matobo Hills	-12.7		
<b>ANTARCTICA</b>			
Vostok	-89.2	-12.2	
Amundsen-Scott	-82.8	-12.3	

Mc Murdo	-50.6	13.4	
Palmer	-31	11.6	
Byrd	-64.4	6	
Mawson	-36	10.6	
Casey	-41	9.2	
Davis	-41.8	13	
Scott Base	-57	7.5	
Vanda		15	
Halley	-55.4	6.8	
Rothera Point	-39.5	12	
Dumont D'urville	-37.5	11	
Neumayer	-50.2	4.3	
Mirny	-40.3	8.7	
Sanae	-57.9	6.5	
Syowa	-45.3	10	
Zhongshan	-45.7	9.6	
Maitri	-38	12.2	
Marambio	-38.3	17.4	
Esperanza	-32.6	17.5	
San Martin	-47	14.3	
Bernardo O Higgins	-30	12	
Eduardo Frei	-28.7	13	
King George I. (Shetlands)	-32.3	16.7	
Prat-Greenwich I. (Shetl.)	-29.2	11.3	
Orcadas-Laurie Is. (Orkneys)	-44	15.2	
Signy Island (Orkneys)	-40.1	19.8	

#### **MARS**

Viking Lander I	-96	-17.4	
Viking Lander II	-121	-22.2	
Phoenix	-97.7	-19.6	
Spirit	-90	35*	* possibly overestimated air temperature
Opportunity	-80	30*	* possibly overestimated air temperature
Curiosity	-90	11	

**Special Notes:** -The registers of temperatures have been taken during

different periods of time, so while for certain stations data are available since the

begin of the modern era in 1850 and even before, for other stations data are available

only for some decades.

-Some old data with not decimal points could have been rounded.

-For some localities ,records have been merged from different stations when there are no significant microclimatic differences. If there are microclimatic differences, data have been separated.

-Data have been checked by daily and hourly (synops/metars) basis for every station, in most cases with extensive quality controls,weather maps, satellite maps, etc....

The best effort has been made during several years of data checking, to remove all faulty records and to include all genuine records recorded in any reliable station.

This has been possible with several billion data checked with the help of hundreds of specialists, climatologists, observatories's staff and with the help of National Institutes of Meteorology of over 150 countries.

-In the case of doubt, please contact the editor.



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