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EZEIZA AERO, Argentina

WMO#: **875760**

Lat: **34.82S** Long: **58.53W** Elev: **20** StdP: **101.08** Time Zone: **-3.00 (SAE)** Period: **86-10** WBAN: **99999**

Annual Heating and Humidification Design Conditions

	Coldest Month	Heating DB		Humidification DP/MCDB and HR						Coldest month WS/MCDB				MCWS/PCWD to 99.6% DB		
				99.6%			99%			0.4%		1%				
		99.6%	99%	DP	HR	MCDB	DP	HR	MCDB	WS	MCDB	WS	MCDB	MCWS	PCWD	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	
(1)	7	-0.1	1.2	-3.8	2.8	4.3	-2.2	3.2	5.1	10.4	12.3	9.4	12.2	1.8	270	(1)

Annual Cooling, Dehumidification, and Enthalpy Design Conditions

	Hottest Month	Hottest Month DB Range	Cooling DB/MCWB						Evaporation WB/MCDB						MCWS/PCWD to 0.4% DB		
			0.4%		1%		2%		0.4%		1%		2%				
			DB	MCWB	DB	MCWB	DB	MCWB	WB	MCDB	WB	MCDB	WB	MCDB	MCWS	PCWD	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	
(2)	1	11.8	33.8	22.6	32.1	22.1	30.8	21.7	24.7	30.2	23.9	29.1	23.1	28.1	4.6	50	(2)

	Dehumidification DP/MCDB and HR									Enthalpy/MCDB						Hours 8 to 4 & 12.8/20.6	
	0.4%			1%			2%			0.4%		1%		2%			
	DP	HR	MCDB	DP	HR	MCDB	DP	HR	MCDB	Enth	MCDB	Enth	MCDB	Enth	MCDB		
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	
(3)	23.1	17.9	27.3	22.2	16.9	26.2	21.6	16.3	25.6	75.1	30.2	71.8	29.0	68.7	28.2	1263	(3)

Extreme Annual Design Conditions

	Extreme Annual WS			Extreme Max WB	Extreme Annual DB				n-Year Return Period Values of Extreme DB								
					Mean		Standard deviation		n=5 years		n=10 years		n=20 years		n=50 years		
	1%	2.5%	5%		Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	
(4)	9.8	8.5	7.6	28.0	-2.8	37.0	1.3	1.5	-3.8	38.1	-4.5	39.0	-5.3	39.9	-6.3	41.0	(4)

Monthly Climatic Design Conditions

				Annual (d)	Jan (e)	Feb (f)	Mar (g)	Apr (h)	May (i)	Jun (j)	Jul (k)	Aug (l)	Sep (m)	Oct (n)	Nov (o)	Dec (p)	
(5)	Temperatures, Degree-Days and Degree-Hours	Tavg		16.8	23.9	22.7	21.0	17.0	13.4	10.9	10.0	11.9	13.3	16.5	19.5	22.2	(5)
(6)		Sd			3.17	3.16	3.18	3.43	3.97	3.57	3.99	4.18	3.73	3.44	3.65	3.21	(6)
(7)		HDD10.0		130	0	0	0	1	12	31	50	26	10	1	0	0	(7)
(8)		HDD18.3		1204	2	4	12	64	159	226	261	207	156	78	29	7	(8)
(9)		CDD10.0		2625	431	357	341	212	118	56	49	84	111	203	284	379	(9)
(10)		CDD18.3		656	175	127	95	24	8	2	2	6	6	21	63	127	(10)
(11)		CDH23.3		5788	1774	1121	697	149	31	3	8	47	44	164	552	1197	(11)
(12)		CDH26.7		2008	744	393	192	26	4	0	1	11	8	33	162	433	(12)
(13)	Precipitation	PrecAvg		984	92	101	110	84	72	49	57	58	62	109	98	93	(13)
(14)		PrecMax		1283	245	209	240	191	182	128	171	148	139	362	144	287	(14)
(15)		PrecMin		660	4	24	25	2	3	3	23	5	5	19	7	27	(15)
(16)		PrecSD		178.9	60.1	46.9	57.7	52.5	53.8	34.7	40.8	38.3	39.6	75.8	44.9	62.7	(16)
(17)	Monthly Design Dry Bulb and Mean Coincident Wet Bulb Temperatures	0.4%	DB		36.1	34.2	32.5	29.8	26.8	22.9	24.1	28.0	27.9	30.0	32.8	35.1	(17)
(18)			MCWB		23.8	23.1	23.1	21.8	20.8	19.2	18.2	20.4	19.8	20.1	21.9	22.2	(18)
(19)		2%	DB		34.2	32.2	30.6	26.9	23.6	20.1	20.6	24.0	24.2	27.1	30.2	32.7	(19)
(20)			MCWB		22.8	22.8	22.2	19.9	18.6	16.6	16.3	17.7	17.3	19.0	20.3	21.6	(20)
(21)		5%	DB		32.6	30.9	28.9	25.0	21.5	18.2	18.2	21.1	22.1	25.0	28.6	30.9	(21)
(22)			MCWB		22.3	22.2	21.4	19.2	17.6	14.6	14.5	15.8	15.7	18.2	19.7	21.1	(22)
(23)		10%	DB		30.8	29.1	27.2	23.1	19.8	16.7	16.3	18.9	20.1	23.1	26.8	29.1	(23)
(24)			MCWB		21.8	21.7	20.9	18.1	16.3	13.4	13.2	14.3	14.7	16.9	19.2	20.7	(24)
(25)	Monthly Design Wet Bulb and Mean Coincident Dry Bulb Temperatures	0.4%	WB		25.9	25.6	25.4	23.2	21.5	20.3	18.7	20.7	21.0	22.3	23.6	24.6	(25)
(26)			MCDB		32.8	31.1	30.0	27.4	24.7	22.5	22.6	27.4	25.9	27.5	29.8	30.7	(26)
(27)		2%	WB		24.6	24.5	23.9	21.5	19.7	17.7	17.1	18.4	18.7	20.4	22.1	23.5	(27)
(28)			MCDB		31.1	29.4	27.7	25.0	22.5	19.5	19.7	23.0	23.0	24.8	27.4	29.4	(28)
(29)		5%	WB		23.7	23.6	22.8	20.2	18.4	15.8	15.5	16.6	16.8	19.2	21.0	22.7	(29)
(30)			MCDB		29.6	28.1	26.6	23.2	20.7	17.3	17.6	19.9	20.3	23.2	25.9	28.1	(30)
(31)		10%	WB		22.9	22.7	21.9	19.1	16.9	14.1	13.9	15.0	15.5	18.1	20.0	21.8	(31)
(32)			MCDB		28.4	27.1	25.4	22.2	19.1	15.7	16.0	17.9	18.7	21.8	24.9	26.9	(32)
(33)	Mean Daily Temperature Range		MDBR		11.8	10.9	10.5	10.4	9.9	9.3	9.4	10.4	10.5	10.7	11.3	11.7	(33)
(34)		5% DB	MCDBR		13.6	12.7	12.0	11.9	10.5	9.9	10.4	12.5	12.7	12.9	13.1	13.8	(34)
(35)			MCWBR		5.5	5.2	5.5	6.4	6.2	6.6	6.5	7.2	6.9	7.0	5.9	5.9	(35)
(36)		5% WB	MCDBR		11.8	10.5	9.9	9.8	8.7	7.3	8.5	11.0	10.4	10.7	11.1	11.6	(36)
(37)			MCWBR		5.8	5.5	5.4	6.2	5.9	5.9	6.1	7.0	6.4	6.7	6.1	5.8	(37)
(38)	Clear Sky Solar Irradiance	taub			0.379	0.369	0.342	0.319	0.300	0.289	0.287	0.346	0.357	0.389	0.358	0.376	(38)
(39)		taud			2.571	2.566	2.605	2.577	2.545	2.521	2.519	2.350	2.399	2.387	2.594	2.594	(39)
(40)		Ebn,noon			958	945	936	902	864	847	870	852	903	915	971	964	(40)
(41)		Edh,noon			106	103	92	84	75	72	76	103	111	121	103	104	(41)

Nomenclature: See separate page