## **TOULOUSE BLAGNAC, France**

WMO#: **076300** 

A	Coldest Month (a) 1	Heatin 99.6% (b) 25.2 oling, Deht Hottest Month DB Range	99% (c) <b>28.1</b>	1.364E ion Design C	Hum 99.6%		StdP:			Time Zone:	1.00 (EU	C)	Period:	90-14		99999	
A	Coldest Month  (a) 1 nnual Co Hottest Month  (a) B  DP (a)	Heating 99.6% (b) 25.2 oling, Dehu Hottest Month DB Range	99% (c) 28.1	ion Design C	Hum 99.6%	idification DI	P/MCDB and										
A	Coldest Month  (a) 1 nnual Co Hottest Month (a) 8	Heatin 99.6% (b) 25.2 oling, Deht Hottest Month DB Range	99% (c) <b>28.1</b>	DP	Hum 99.6%	idification D	P/MCDB and	LID		(	(	(				'	
	Month (a) 1 nnual Co Hottest Month (a) 8	99.6% (b) 25.2 oling, Deht Hottest Month DB Range	99% (c) <b>28.1</b>		99.6%	iluliication Di					Coldest mont	th M/C/M/CD	D	MCM/S	/PCWD	1	
	(a) 1 nnual Co Hottest Month (a) 8	(b) 25.2 oling, Dehu Hottest Month DB Range	(c) <b>28.1</b>					99%			.4%	1'			6% DB		
E	Hottest Month (a) 8	25.2 oling, Dehu Hottest Month DB Range	28.1	(d)	HR	MCDB	DP	HR	MCDB	WS	MCDB	WS	MCDB	MCWS	PCWD	j	
	Hottest Month  (a) 8  DP (a)	oling, Dehu Hottest Month DB Range			(e)	(f)	(g)	(h)	(i)	(j)	(k)	(1)	(m)	(n)	(0)		
	Hottest Month  (a)  8  DP (a)	Hottest Month DB Range		19.2	14.7	30.9	22.5	17.2	32.1	26.9	50.0	23.8	48.9	5.3	280		(
	Month (a) 8  DP (a)	Month DB Range	umidification	on, and Entha	alpy Desigi	n Condition	S										i i
	Month (a) 8  DP (a)	DB Range				DB/MCWB					Evaporation				MCWS/		ı
	DP (a)		DB	.4%		%	DB 25			4% MCDB		%	WB	2%	to 0.49 MCWS		ı
	DP (a)	(b)	(c)	MCWB (d)	DB (e)	MCWB (f)	(g)	MCWB (h)	(i)	MCDB (j)	(k)	MCDB (1)	(m)	MCDB (n)	(o)	PCWD (p)	
	(a)	19.9	91.7	69.2	88.2	68.4	85.3	67.5	72.1	85.1	70.7	83.2	69.3	81.3	8.5	140	(
	(a)			Dehumidific	ation DP/M	CDB and HF	?			T		Enthaln	y/MCDB				
	(a)	0.4%		Donamianio	1%	ODD and th		2%		0.	.4%		%	2	2%	Extreme Max WB	ı
		HR	MCDB	DP	HR	MCDB	DP	HR	MCDB	Enth	MCDB	Enth	MCDB	Enth	MCDB		l
	00. I	(b) <b>105.1</b>	(c) <b>77.5</b>	(d) <b>66.5</b>	(е) <b>99.4</b>	(f) <b>76.1</b>	(g) <b>65.2</b>	(h) <b>95.0</b>	(i) <b>74.7</b>	(j) <b>36.1</b>	( k ) <b>85.3</b>	(1) <b>34.8</b>	(m) <b>83.6</b>	(n) <b>33.7</b>	(o) <b>81.3</b>	(p) <b>84.4</b>	
					99.4	76.1	03.2	95.0	74.7	30.1	00.0	34.0	03.0	33.7	01.3	04.4	. (
M	xtreme A	nnual Desi	gn Conditi	ons													
M	Extreme Annual WS						ual Temperature Standard Deviation				ear Return Period Value						l
M	1% 2.5%		5%	1	Min Me	ean Max	Standard Min	Max	n=5 y Min	years Max	n=10 Min	) years Max	n=20 Min	years Max	n=50 Min	years Max	4
M	(n)	(0)	(p)	! 	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(1)	(m)	
M	23.9	20.9	18.6	DB	21.4	97.3	3.6	3.6	18.8	99.9	16.6	102.0	14.6	104.0	12.0	106.6	
N				WB	20.7	74.8	3.9	2.4	17.8	76.6	15.5	78.0	13.3	79.4	10.4	81.1	
_	lonthly C	limatic Des	ign Condit	ions													
				Annual	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Í
_				(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(1)	(m)	(n)	(0)	(p)	l
			DBAvg	57.0	42.9	44.5	50.1	54.0	61.2	67.8	71.9	72.4	66.2	59.2	49.2	43.6	-
			DBStd	12.23	6.48	6.75	5.89	5.57	5.87	6.12	5.55	5.78	5.62	6.69	6.67	7.17	. (
	Temperatures, Degree-Days and		HDD50	814	230	170	71	23	3	0	0	0	0	10	92	215	
			HDD65	3638	684	573	461	331	144	40	9	8	51	199	475	663	. 1
	ar Degree		CDD50	3371	11	17	76	143	351	534	678	694	487	296	68	16	(
	_ 09.00		CDD65	719 6331	0	0	3	1 31	27	124	222	237	88 668	20 74	0	0	(
			CDH74 CDH80	6331 2251	0	0	3 0	31 2	267 52	1106 358	2052 801	2130 866	165	74 7	0	0	(
																	(1
	Wi	nd	WSAvg	8.6	8.1	9.3	9.6	9.7	9.0	8.6	8.3	7.8	7.8	8.4	8.2	8.2	(
_	Precipitation		PrecAvg	25.80	2.20	2.20	2.30	2.50	2.90	2.30	1.60	1.90	1.90	2.00	1.90	2.20	(
			PrecMax	35.70	4.00	3.40	4.30	4.40	7.10	5.20	7.30	4.20	5.30	5.30	5.00	6.20	(
			PrecMin	15.90	0.40	0.40	0.60	0.50	0.90	0.30	0.20	0.60	0.10	0.40	0.20	0.60	(
			PrecStd	5.10	0.90	0.90	1.00	1.20	1.50	1.30	1.60	1.20	1.50	1.60	1.10	1.40	(
			0.4%	DB	60.3	64.5	73.0	78.5	85.5	92.6	95.4	98.8	88.6	80.2	67.8	60.7	(
	Monthly Design Dry Bulb and		U. <del>4</del> /0	MCWB	53.8	53.9	56.1	61.6	65.5	70.0	67.9	69.8	67.2	65.4	59.5	55.0	(
			2%	DB	56.9	59.7	67.5	72.6	80.5	87.5	91.3	92.9	84.5	75.6	64.4	57.6	(2
			_,,	MCWB	52.1	51.7	55.1	57.9	63.5	68.1	68.9	69.6	65.6	64.2	57.7	53.1	(
	Mean Co Wet	incident Bulb	5%	DB	54.8	57.0 50.5	63.6	68.6	76.7	84.2	88.0	88.3	81.1	72.3	61.4	55.5	(
	Tempe			MCWB	50.8	50.5	53.0	56.3	62.5	67.1	68.1	69.2	65.1	62.5	56.3	51.6	(
			10%	DB	52.5	54.3	60.4	64.8 54.7	73.0	80.7	84.6 67.4	84.5 67.0	77.7	69.5	59.0	53.4	(
				MCWB	49.1	49.3	51.9	54.7	60.5	65.6	67.4	67.9	64.1	61.8	54.8	50.3	(
			0.4%	WB	55.2	55.0	58.6	62.3	68.4	72.8	73.3	74.6	71.0	67.4	60.8	55.8	(
	Monthly Design		,•	MCDB	58.4	60.8	67.6	74.9	81.4	87.1	87.5	87.9	83.0	75.7	66.1	59.3	(
	Wet	Bulb	2%	WB	52.8	53.1	56.0	59.6	65.6	70.4	71.7	72.5	69.1	65.7	58.8	54.0	(
	ar Moon Co			MCDB	56.2	57.9	64.3	69.9	76.8	83.3	85.0	85.2	79.0	72.0	63.1	56.9	. (
	Mean Co		5%	WB	51.3	51.6	54.3	57.6	63.6	68.5	70.2	71.0	67.5	64.4	57.0	52.2	(
	Tempe			MCDB	54.3	55.9	61.7	66.3	73.6	80.6	83.1	83.1	76.5	70.2	60.8	55.1	(
	•		10%	WB	49.5	50.0	52.7	55.7	61.7 70.5	66.9	68.8	69.5	65.8	62.8	55.3	50.5	(
				MCDB	52.2	53.5	59.0	63.0	70.5	78.0	80.9	81.4	74.5	68.2	58.5	53.1	(
	Mean Daily Temperature Range			MDBR	12.3	14.2	16.6	16.9	17.6	18.6	19.6	19.9	18.9	15.5	12.6	11.8	(-
			5% DB	MCDBR	14.8	18.2	23.6	24.1	24.8	25.0	26.3	26.7	24.4	18.9	15.9	13.4	(
				MCWBR	10.5	11.5	13.0	12.2	11.4	9.7	8.8	9.0	9.6	9.3	10.1	9.8	(-
	Kai	ige	5% WB	MCDBR	12.7	15.6	19.1	20.3	21.0	21.6	21.7	22.0	19.7	15.2	13.2	12.1	(-
				MCWBR	9.5	10.6	11.3	11.2	10.8	9.5	8.4	9.0	8.7	8.2	9.0	9.3	(
_	Clear-Sky Solar Irradiance		taub taud Ebn,noon Edh,noon		0.321	0.336	0.375	0.398	0.407	0.418	0.410	0.410	0.379	0.365	0.339	0.319	(•
					2.475	2.412	2.310	2.249	2.281	2.284	2.306	2.317	2.388	2.432	2.460	2.479	(-
					257	271	273	274	275	271	272	268	268	257	246	245	(4
					23	29	36	42	41	41	40	38	33	28	23	21	(•
		All-Sky Solar		RadAvg		748	1169	1455	1681	1899	1879	1672	1356	902	523	418	(4
_	All-Sky			adStd	40	79	110	167	122	138	128	112	68	89	56	48	(4

Nomenclature:

See separate page