## **Patient 2 Patient Inc Water Management Plan**

By: SL Consulting Services Inc June 20, 2022

## <u>Irrigation Water Source and Projected Irrigation Water Use</u>

The existing water source for the operation were three existing instream/headwater ponds. A CDFW LSAA was issued that authorized the use of the ponds for irrigation water.

As guidance and policy trends in 2016 directed applicants towards non-jurisdictional water sources, the applicant developed a permitted well in May of 2016 which has been the interim water source since.

Moving forward, water will transition back to use of the existing ponds. One pond has a maximum capacity of approximately 814,000 gallons with a catchment area of approximately 20,000 square feet and the second pond has a capacity of approximately 1,466,000 gallons with a catchment area of approximately 29,500 square feet. An existing residence with approximately 3,750 square feet of roof area will be guttered and connected to the 814,000 gallon pond. The third pond has a capacity of of 215,000 gallons and a rain catchment area of approximately 8,500 square feet.

A permitted well is a back up water source that will be utilized to fill the ponds during February and March if the ponds do not receive sufficient rainfall to meet project demands with a 20% evaporative loss buffer.

The table below outlines the estimated irrigation water usage for cultivation during a typical year. Variables such as weather conditions and specific cannabis strains will have a slight effect on water use. The operation utilizes drip/emitter irrigation and timers to maximize water efficiency.

E	ESTIMATE	D ANNU	AL IRRIGA	ATION W	ATER USA	GE (28,80	00 SF ML	GREENHO	OUSE "AR	EA A")	
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC
27140	44440	26700	25100	28100	34600	51600	40700	31300	34600	25500	15000

	EST	IMATED	ANNUAL	IRRIGATI	ON WAT	ER USAGE	(58,000	SF ML PR	OPOSED)		
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC
1500	3000	8000	31500	47500	95000	111000	111000	111000	60000	20000	1500

Estimated water use for the 28,800 SF canopy (full season operations) is 384,780 gallons (13.36 gallons per square foot per season based on 2021 season water meter records)

Estimated water use for the 58,000 SF canopy (two to three harvests pear year April-November growing cycle) is 601,000 gallons (approximately 10.362 gallons per square foot per season).

The total water usage for the project is estimated to be 985,780 gallons.

The feasibility of utilizing rain catchment for all irrigation needs was evaluated below based on recent drought year and historical average rainfall data:

#### <u>Drought Year Estimated Water Capture (2020 Drought Water Year)</u>

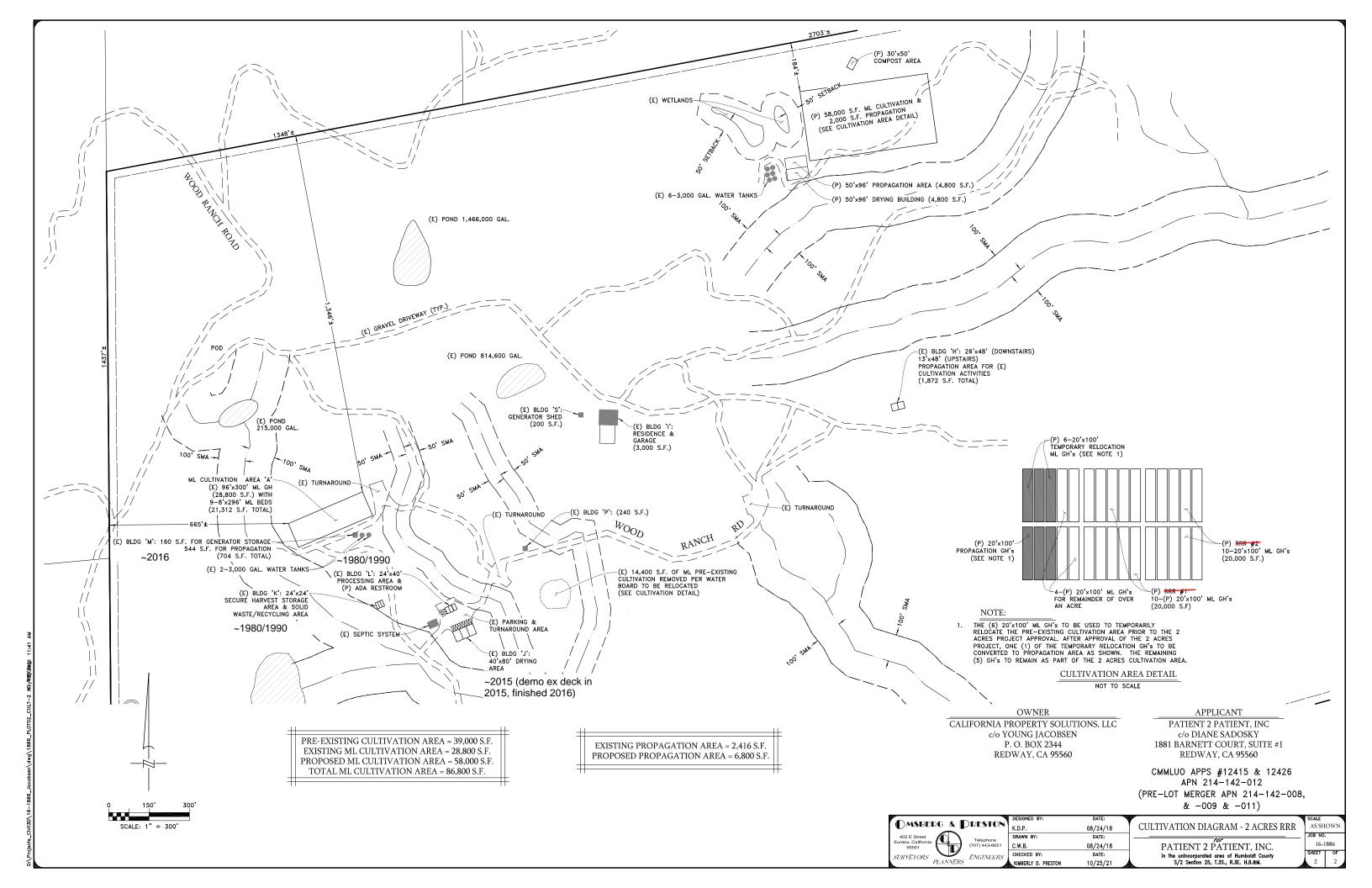
29.98" X 1 foot / 12 inches X (20,000+29,500+3,750+8,500 SF) X 7.48 gallons / cubic foot = 1,153,955 gallons of rain catchment

#### Average Year Estimated Water Capture (56.9 inches)

56.9" X 1 foot / 12 inches X (20,000+29,500+3,750+8,500 SF) X 7.48 gallons / cubic foot = 2,190,000 gallons of rain catchment

There is sufficient capacity in both ponds to handle the storage requirements as both all ponds in combination have a total of 2.495 million gallons of storage.

Thus, even in the most recent severe drought year, sufficient water was captured in the ponds for irrigation needs although a safety factor to account for drought and fire safety would still be recommended. The well is used as a back up to top off ponds if they do not fully fill due to drought conditions.



# GARBERVILLE AREA HISTORIC RAINFALL AVERAGES

# GARBERVILLE, CALIFORNIA (043320)

## **Period of Record Monthly Climate Summary**

Period of Record: 11/01/1917 to 03/31/1985

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Average Max. Temperature (F)					Insuff	icient	Data						
Average Min. Temperature (F)					Insuff	icient	Data						
Average Total Precipitation (in.)	10.75	9.16	7.35	3.70	1.35	0.37	0.05	0.42	0.74	3.72	8.48	10.81	56.90
Average Total SnowFall (in.)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Average Snow Depth (in.)	(	0	0	C	0	0	0	0	0	0	0	0	0
Percent of possible observations	for period	d of recor	d										

Max. Temp.: 1.1% Min. Temp.: 1.1% Precipitation: 92.5% Snowfall: 92.4% Snow Depth: 92.2%

Check Station Metadata or Metadata graphics for more detail about data completeness.

Western Regional Climate Center, wrcc@dri.edu

# GARBERVILLE AREA 2020-2021 WATER YEAR RAINFALL



Tip: To view from different directions, place your mouse cursor over the compass images above. To view a larger image, click on a compass direction or the preview image.

Photos taken: May 2009

#### **Station Information**

**Location** Eel River Camp California

 Latitude
 40° 08' 18"
 NESS ID
 CA2AC1F8

 Longitude
 123° 49' 25"
 NWS ID
 040421

 Elevation
 446 ft.
 Agency
 S&PF

Cumulative Rainfall 2020-2021 Drought Water Year

October 2020 - 0.10 inches
November 2020 - 3.78 inches
December 2020 - 5.03 inches
January 2021 - 9.94 inches
February 2021 - 4.75 inches
March 2021 -4.05 inches
April 2021 - 1.04 inches
May 2021 - 0 inches
June 2021 - 0.32 inches
July 2021 - 0.02 inches
August 2021 - 0 inches
September -2021 - 0.95 inches

Cumulative - 29.98 inches for 2020-2021 water year (October 1st through September 30th)



Monthly Summary for

## October, 2020

Day Day	Total		Wind		Air Te	mper	ature	Fuel To	emper	ature	Hu	midit	y	Dew	Wet	Total
of of	Solar Rad.	Ave.	V. Dir.	Max.	Mean	Max	Min	Mean	Max	Min	Mean	Max l	Min	Point	Bulb	Precip.
Month Year	ly.	mph	Deg	mph	Deg. I	ahrei	nheit	Deg. l	Fahrei	nheit	Pe	rcent		Deg. Fal	nrenheit	inches
<u>1</u> 275	315	0.9	291	14.0	67	97	50	66	102	45	66	99	13	51	57	0.00
<u>2</u> 276	362	1.4	289	24.0	67	97	49	66	105	44	60	98	11	47	55	0.00
<u>3</u> 277		1.2	259	13.0	66	97	45	66	109	39	58	98	13	45	53	0.00
<u>4</u> 278	331	1.5	345	13.0	62	84	47	62	92	41	68	98	28	49	54	0.00
<u>5</u> 279			345	9.0	60	88	44	59	96	38	74	99	26	49	53	0.00
<u>6</u> 280	340	0.6	239	12.0	59	92	43	58	102	35	66	99	14	43	50	0.00
<u>7</u> 281	385	1.6	247	13.0	56	84	36	55	97	29	68	98	18	42	47	0.00
<u>8</u> 282	286	1.2	234	10.0	55	78	43	57	89	38	78	99	37	47	50	0.00
<u>9</u> 283		2.0		14.0	60	75	51	63	89	51	74	93	45	51	54	0.00
<u>10</u> 284		1.2		15.0	59	68	52	59	73	51		100	72	56	57	0.09
<u>11</u> 285		1.9		14.0	58	76	45	60	87	40		100	33	47	51	0.01
<u>12</u> 286		1.7		17.0	60	82	42	62	95	37		100	35	50	53	0.00
<u>13</u> 287				14.0	63	84	48	65	96	43		100	30	52	56	0.00
<u>14</u> 288				20.0	65	76	55	68	88	52		96	26	51	56	0.00
<u>15</u> 289				17.0	64	89	48	64	99	42		95	22	47	53	0.00
<u>16</u> 290				19.0	67	98	42	66	109	37	56	98	11	44	53	0.00
<u>17</u> 291	362	2.3		19.0	65	90	46	66	101	39		96	22	48	55	0.00
<u>18</u> 292				21.0	62	83	45	63	95	39		99	26	48	53	0.00
<u>19</u> 293		3.0		18.0	60	78	48	61	90	43		98	39	50	54	0.00
<u>20</u> 294		3.1		18.0	62	82	46	64	94	43	66	97	31	48	54	0.00
<u>21</u> 295		5.8		29.0	58	72	47	59	84	42		95	44	47	51	0.00
<u>22</u> 296		4.9		22.0	55	71	40	56	84	34		84	26	37	45	0.00
<u>23</u> 297		2.0		18.0	53	77	33	53	90	26		98	17	35	43	0.00
<u>24</u> 298				19.0	54	68	42	56	80	37	75	94	52	46	49	0.00
<u>25</u> 299				15.0		75	35	51	83	27		96	18	36	43	0.00
<u>26</u> 300				14.0	50	80	28	49	93	21	40	73	3	19	37	0.00
<u>27</u> 301	338	0.9		13.0	53	86	31	51	98	24		79	12	29	41	0.00
<u>28</u> 302		0.6	236	8.0	53	85	32	51	98	24		95	14	34	42	0.00
29 303			237	8.0	51	83	32	50	96	25	63	97	17	35	42	0.00
<u>30</u> 304		1.8		14.0	52	78	32	51	91	25		96	23	36	43	0.00
31 305		0.4	243	5.0	53	84	36	53	94	30	74	99	22	42	46	0.00
MONTHLY		iCS	Wind		Λ i Το			Erral T			11	:4:4-		Darri	Wat	Total
	Total Solar Rad.	Arro	Wind	Mov				Fuel To				midity Mov. I	,	Dew	Wet Bulb	Total
	_															Precip.
Total	ly. 10512	шрп	Deg	шұп	Deg. I	amei	men	Deg. l	amei	шсп	re	rcent		Deg. Fal	nemen	0.10
Ave.		2.0	21/	15.5	5Q 7	82.5	42.4	50 A	93.5	36.9	66	96	26	44	50	0.10
Ave. Max.			314	29.0	38.7 67	98	55	59.0 68	109	52		100	72	56	57	0.09
Min.				5.0		98 68	28	49	73	21	40	73	3	19	37	0.09
	140 uhisat ta fu															

Data are subject to further review and editing. Please refer any questions to the Western Regional Climate Center.

<sup>° 1</sup> ly = 1 cal/cm² =  $4.1855 \text{ J/cm}^2 = 3.6855 \text{ BTU/ft}^2 = .01163 \text{ KW-hr/m}^2$ 



Monthly Summary for

## November, 2020

Day Day	Total		Wind		Air Te	mpera	ature	Fuel T	emper	ature	Hu	midit	y	Dew	Wet	Total
of of	Solar Rad.	Ave.	V. Dir.	Max.	Mean	Max	Min	Mean	Max	Min	Mean	Max l	Min	Point	Bulb	Precip.
Month Year	ly.	mph	Deg	mph	Deg. I	ahrer	nheit	Deg.	Fahrer	heit	Pe	rcent		Deg. Fal	renheit	inches
<u>1</u> 306	309	0.8	234	9.0	53	85	36	52	98	30	70	99	19	40	46	0.00
<b>2</b> 307	305	1.0	240	13.0	51	85	34	50	95	28	66	98	13	37	43	0.00
<u>3</u> 308	297	0.6	215	8.0	50	80	32	50	90	26	65	97	17	35	42	0.00
<u>4</u> 309	285	0.9	283	8.0	57	80	41	59	93	37	66	98	30	44	49	0.00
<u>5</u> 310	282	2.1	194	14.0	60	81	46	63	90	41	74	100	33	50	54	0.00
<u>6</u> 311	192	1.8	75	14.0	49	56	45	49	66	42	84	98	62	44	46	0.07
<u>7</u> 312	282	5.2	347	25.0	50	57	44	51	69	42	68	95	43	39	44	0.05
<u>8</u> 313	239	4.4	323	28.0	44	52	29	43	61	24	69	95	40	33	39	0.06
<u>9</u> 314	226	1.7	342	18.0	39	57	26	39	66	19	70	97	29	28	34	0.00
<u>10</u> 315	209	0.9	245	8.0	45	62	33	45	72	29	73	97	46	36	40	0.00
<u>11</u> 316	250	1.2	306	9.0	43	63	33	44	74	26	81	99	36	36	39	0.00
<u>12</u> 317	209	0.8	237	7.0	44	59	34	46	69	33	80	98	46	38	41	0.00
<u>13</u> 318	87	1.4	304	11.0	47	57	42	48	59	42	95	99	88	46	46	0.78
<u>14</u> 319	151	1.0	271	6.0	47	55	42	49	60	43	91	100	63	45	46	0.00
<u>15</u> 320	100	0.5	244	6.0	54	61	47	55	63	48	96	99	88	53	53	0.48
<u>16</u> 321	203	0.8	227	5.0	57	69	50	57	73	48	95	100	74	55	55	0.03
<u>17</u> 322	35	3.0	275	26.0	54	58	48	53	57	46	93	100	67	52	52	1.17
<u>18</u> 323	179	2.0	226	19.0	52	59	47	53	63	47	90	99	70	49	50	0.96
<u>19</u> 324	168	1.3	271	7.0	47	57	40	48	66	38	93	100	65	44	45	0.05
<u>20</u> 325	238	1.2	352	13.0	43	59	37	46	71	35	88	100	39	39	41	0.01
<u>21</u> 326	201	1.2	281	6.0	41	57	35	44	66	35	93	100	57	39	40	0.00
<u>22</u> 327	88	1.0	249	8.0	41	47	35	42	51	37	97	100	81	40	41	0.01
<u>23</u> 328	215	1.9	327	19.0	48	59	41	49	69	40	87	99	57	44	45	0.01
<u>24</u> 329	234	1.6	164	14.0	47	62	37	49	71	34	86	99	47	42	44	0.07
<u>25</u> 330	158	1.3	250	15.0	43	53	37	44	60	34	92	100	59	41	42	0.01
<u>26</u> 331	237	1.2	229	13.0	41	58	33	43	69	31	88	100	46	37	39	0.00
<u>27</u> 332	187	1.1	243	5.0	40	59	34	41	69	30	92	100	53	37	38	0.00
<u>28</u> 333	187	0.8	222	4.0	38	58	32	41	68	33	92	99	52	36	37	0.01
<u>29</u> 334	157	0.7	253	6.0	38	54	32	40	63	30		99	59	36	37	0.00
<u>30</u> 335	174		259	9.0	42	58	33	44	67	34	91	100	52	39	40	0.01
MONTHLY	STATIST	ICS														
	Total		Wind		Air Te	mpera	ature	Fuel T	emper	ature	Hu	midit	y	Dew	Wet	Total
	Solar Rad.	Ave.	V. Dir.	Max.	Mean	Max	Min	Mean	Max	Min	Mean	Max l	Min	Point	Bulb	Precip.
	ly.	mph	Deg	mph	Deg. I	ahrer	nheit	Deg. 1	Fahrer	heit	Pe	rcent		Deg. Fah	renheit	inches
Total	6084															3.78
Ave.	203	1.5	263	11.8		61.9			70.3			99	51	41	44	
Max.		5.2		28.0	60	85	50	63	98	48		100	88	55	55	1.17
Min.	35	0.5		4.0	38	47	26	39	51	19	65	95	13	28	34	0.00
ъ.	1	.1		1	11.11	D1			, .		/1 TT	r ,	ъ	1.0		٠,

<sup>° 1</sup> ly = 1 cal/cm<sup>2</sup> =  $4.1855 \text{ J/cm}^2 = 3.6855 \text{ BTU/ft}^2 = .01163 \text{ KW-hr/m}^2$ 





Monthly Summary for

## December, 2020

Day Day	Total		Wind		Air Te	mper	ature	Fuel T	emper	ature	Hu	midit	y	Dew	Wet	Total
of of S	Solar Rad.	Ave.	V. Dir.	Max.	Mean	Max	Min	Mean	Max	Min	Mean	Max 1	Min	Point	Bulb	Precip.
Month Year	ly.	mph	Deg	mph	Deg. I	ahrei	nheit	Deg.	Fahrei	nheit	Pe	rcent		Deg. Fal	nrenheit	inches
<u>1</u> 336	224	0.9	251	13.0	46	63	36	47	72	34	87	99	49	42	43	0.00
<u>2</u> 337	169	0.4	243	5.0	44	61	38	46	70	39	94	100	57	42	43	0.00
<u>3</u> 338	115	0.3	272	4.0	43	53	39	44	60	37	96	100	73	42	42	0.01
<u>4</u> 339	150	0.8	299	4.0	41	58	37	43	67	34	95	100	62	40	41	0.00
<u>5</u> 340	84	0.8	243	9.0	42	51	35	44	55	36	97	100	84	42	42	0.02
<u>6</u> 341	216		299	12.0	48	61	37	49		33	87	99	48	43	45	0.00
<u>7</u> 342	195	1.0	249	6.0	44	65	36	46		36		100	49	41	42	0.01
<u>8</u> 343	175	1.0	291	5.0	42	60	35	44		36		100	59	40	41	0.00
<u>9</u> 344	140			17.0	45	56	38	46		33		100	73	43	44	0.01
<u>10</u> 345	212	1.8		16.0	45	59	34	46		29		99	40	39	42	0.00
<u>11</u> 346	60		183	5.0	40	44	35	41	46	35	97	99	93	39	40	0.26
<u>12</u> 347	75	0.7	191	6.0	48	51	44	49		44		99	88	47	47	0.11
<u>13</u> 348	60	1.6		14.0	49	53	41	49		38		99	82	47	48	1.26
<u>14</u> 349	128	1.4	251	7.0	43	52	40	45		41	95	99	72	42	43	0.01
15 350	62	0.5	145	5.0	45	48	41	46		42		100	92	44	45	0.11
16 351	57	1.5		18.0	51	56	47	52		48	97	99	91	50	50	1.00
<u>17</u> 352	159			20.0	45	53	37	46		35	87	99	59	41	43	0.11
18 353	184		218	5.0	42	56	36	44		33		100	59	39	40	0.00
19 354	131	0.4	279	5.0	44	54	37	46		38		100	73 74	42	43	0.01
20 355	125 70	0.5 1.1		10.0 20.0	49	57 53	45	50 50		43		100 100	7 <del>4</del> 79	47 47	48	0.00 0.20
21 356 22 357	213	1.7		14.0	49 42	54	44 33	30 42		41 30		99	57	38	48 40	0.20
22 357 23 358	165	1.7	261	6.0	38	53	33	41	64	31	93	99	62	36	37	0.00
23 358 24 359	169	1.5		21.0	41	58	32	44		34			66	39	40	0.00
25 360	33	3.2		20.0	52	56	47	51	54	47		93	55	47	49	1.00
26 361	208	1.7		12.0	48	57	43	50		43	91	99	64	46	47	0.44
27 362	197	1.2	232	6.0	43	57	39	46		37		99	51	40	42	0.00
28 363	150		225	5.0	40	53	36	42		34		100	68	38	39	0.00
29 364	143	1.0	231	5.0	38	51	34	40		34		100	73	37	37	0.01
<u>30</u> 365	61	0.8	191	7.0	40	45	34	41	46	34		100	89	40	40	0.44
<u>31</u> 366	116		212	6.0	46	54	42	47		43		100	75	44	45	0.01
MONTHLY																
	Total		Wind		Air Te	mper	ature	Fuel T	emper	ature	Hu	midit	У	Dew	Wet	Total
Ş	Solar Rad.	Ave.	V. Dir.	Max.	Mean	Max	Min	Mean	Max	Min	Mean	Max l	Min	Point	Bulb	Precip.
	ly.	mph	Deg	mph	Deg. I	ahrei	nheit	Deg.	Fahrei	nheit	Pe	rcent		Deg. Fal	renheit	inches
Total	4247	-	-	-	-			-						-		5.03
Ave.	137	1.2	255	9.9	44.3	54.9	38.2	45.6	61.8	37.2	93	99	68	42	43	
Max.	224	3.2		21.0	52	65	47	52		48	98	100	93	50	50	1.26
Min.	33	0.3		4.0	38	44	32	40	46	29	82	93	40	36	37	0.00
Data are su	ibject to fu	rther	review	and e	diting	Pleas	se ref	er anv	auesti	ons to	the W	/ester	n Re	oional C	limate C	enter

Data are subject to further review and editing. Please refer any questions to the Western Regional Climate Center.

<sup>° 1</sup> ly = 1 cal/cm² =  $4.1855 \text{ J/cm}^2 = 3.6855 \text{ BTU/ft}^2 = .01163 \text{ KW-hr/m}^2$ 



Monthly Summary for

## January, 2021

Day	Day	Total		Wind		Air Te	mpera	ature	Fuel To	emper	ature	Hu	midit	y	Dew	Wet	Total
of	of	Solar Rad.	Ave.	V. Dir.	Max.	Mean	Max	Min	Mean	Max	Min	Mean	Max l	Min	Point	Bulb	Precip.
Month	Year	ly.	mph	Deg	mph	Deg. I	ahrei	nheit	Deg. l	Fahrer	nheit	Pe	rcent		Deg. Fal	nrenheit	inches
1		125		205	14.0	47	55	43	49	64	44		100		45	46	0.35
<u>2</u>		83	0.9	224	9.0	50	55	47	51	57	48	95	100	80	49	49	0.14
<u>3</u>	3	85		290	10.0	52	57	49	52	59	49		99	83	50	51	0.13
<u>4</u> <u>5</u>	4	64	2.8	226	23.0	50	57	44	49	55	43	92	99	81	47	48	1.47
		176		75	8.0		55	40	47	65	38		98	63	42	43	0.00
<u>6</u>		50		351	8.0		51	40	46	52	41	99		97	44	45	0.63
<u>7</u>	7	141	1.0		10.0		53	42	48	60	42		99	73	45	45	0.39
<u>8</u>		191	1.1		12.0		56	40	49	66	38		99	49	43	45	0.28
9		166		292	7.0		55	38	45	66	39		100	63	41	42	0.00
<u>10</u>		110		140	6.0		55	43	49	58	44		100	82	47	47	0.24
<u>11</u>		145		359	9.0		57	46	51	67	46		99	64	46	47	0.00
<u>12</u>		25	1.3		10.0		57	48	54	57	48		99	92	52	53	1.56
<u>13</u>		123	1.0	17	9.0		64	54	57	69	52		100	78	55	56	0.34
<u>14</u>		190		73	6.0		67	49	56	76	49		100	65	51	52	0.00
<u>15</u>		114		180	7.0		60	47	53	67	47		100	75 54	50	50	0.00
<u>16</u>		193	1.5		13.0		65	42	54	74	39		100	54	47	49	0.01
<u>17</u>		232			12.0		68	38	51	79	37		100	43	44	46	0.00
<u>18</u>		252			13.0		70	36	48	80	32		98	28 21	40	44	0.00
<u>19</u>		253 229			12.0 6.0		66	31	43	76	28 26		99	40	35	39	0.01
<u>20</u>		152		240			62 56	29 34	40	73 60	32		98 99	56	34	36	0.00
21 22		189	0.8 1.7		10.0 15.0		52	40	42 47	60	32 39		99	62	37 40	39 42	0.13 0.13
23		260			19.0		55	36	45	68	34		99	53	38	41	0.13
<u>23</u> 24		62			23.0		45	37	41	47	34		95	78	38	40	0.43
2 <u>5</u>		161	3.1		24.0		46	34	41	54	33		97	60	34	37	0.00
<u>25</u>		36			16.0		41	32	36	40	33		99	81	34	35	1.18
<u>20</u> 27		101	3.4		24.0		50	38	45	51	39		98	67	41	43	0.62
28		101	1.2	12	7.0		47	41	44	53	42		98	82	42	43	0.02
<u>29</u>		190			10.0		52	38	46	64	39		96	61	40	41	0.03
30		108			15.0		55	42	48	57	42		98	60	43	45	0.07
31		40			13.0		54	45	49	54	45		98	78	48	48	0.89
		STATIST															
		Total		Wind		Air Te	mpera	ature	Fuel To	emper	ature	Hu	midit	y	Dew	Wet	Total
		Solar Rad.	Ave.		Max.								•	,			Precip.
		ly.							Deg. l				rcent		Deg. Fal		
	Total	4246	-	J	•	·			ū						Ü		9.94
	Ave.	142	1.5	294	12.3	46.6	56.1	40.7	47.6	62.2	40.1	90	99	66	43	45	
	Max.	260	3.4		24.0	57	70	54	57	80	52	99	100	97	55	56	1.56
	Min.	25	0.4		6.0	36	41	29	36	40	26	77	95	21	34	35	0.00
Doto	0.00	shipat to fi	eth or	roviou.	and a	ditina	Dlage	a raf	or onti	anosti	one te	tha W	Jactor	n Da	cional C	limata C	anton

Data are subject to further review and editing. Please refer any questions to the Western Regional Climate Center.

<sup>° 1</sup> ly = 1 cal/cm² =  $4.1855 \text{ J/cm}^2 = 3.6855 \text{ BTU/ft}^2 = .01163 \text{ KW-hr/m}^2$ 



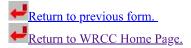
## **Eel River Camp California**

Monthly Summary for

## February, 2021

Day I	Day	Total		Wind		Air Te	mpera	ture	Fuel T	emper	ature	Hur	nidity	y	Dew	Wet	Total
of	of :	Solar Rad.	Ave.	V. Dir.	Max.	Mean	Max 1	Min	Mean	Max	Min	Mean I	Max I	Min	Point	Bulb	Precip.
Month Y	<i>l</i> ear	ly.	mph	Deg	mph	Deg. I	ahren	heit	Deg.	Fahrer	nheit	Per	rcent		Deg. Fal	renheit	inches
<u>1</u>	32	42	2.3	252	29.0	48	54	42	48	53	40	95	98	88	47	47	1.27
<u>2</u>	33	201	1.5	266	13.0	46	55	38	47	61	36	89	99	52	43	44	0.07
<u>3</u>	34	216	2.4	320	18.0	43	52	35	44	61	32	85	98	56	38	41	0.26
<u>4</u>	35	293	1.6	320	14.0	42	60	32	44	69	31	84	99	45	37	39	0.00
<u>5</u>	36	304	2.8	335	16.0	45	59	33	48	70	34	85	99	55	40	42	0.01
<u>6</u>	37	311	3.3	338	17.0	47	63	36	48	72	34	79	98	42	39	42	0.00
<u>7</u>	38	301	2.9	357	16.0	45	61	36	46	69	34	80	97	45	39	42	0.00
<u>8</u>	39	176	1.3	19	8.0	46	56	41	48	64	41	84	96	61	41	44	0.00
<u>9</u>	40	154	0.5	280	5.0	47	56	40	48	63	37	88	98	58	43	45	0.00
<u>10</u>	41	257	0.9	277	7.0	47	65	40	50	76	41	87	99	45	43	44	0.00
<u>11</u>	42	42	1.1	240	11.0	45	53	42	46	52	42	97	99	87	45	45	0.84
<u>12</u>	43	148	1.0	186	5.0	49	54	45	50	59	45	93	99	76	47	48	0.09
<u>13</u>	44	220	2.1	332	15.0	47	55	38	48	62	36	86	99	53	42	44	0.42
<u>14</u>	45	87	0.2	318	4.0	44	47	39	45	49	40	97	99	93	43	43	0.45
<u>15</u>	46	139	1.8	157	14.0	49	55	43	50	57	43	92	99	78	47	48	0.12
<u>16</u>	47	283	2.3	323	21.0	47	55	41	49	64	40	82	99	53	41	43	0.00
<u>17</u>	48	310	1.5	5	11.0	47	60	35	48	70	33	76	98	37	38	42	0.00
<u>18</u>	49	73	0.8	252	8.0	44	52	36	45	54	34	94	99	76	42	43	0.63
<u>19</u>	50	198	2.0	174	16.0	48	56	43	50	63	43	87	99	54	44	46	0.35
<u>20</u>	51	271	4.5	358	22.0	47	54	41	48	64	39	78	97	57	39	43	0.24
<u>21</u>	52	358	3.5	46	16.0	47	61	34	49	71	32	75	97	44	38	42	0.00
<u>22</u>	53	339	3.7	37	19.0	50	64	40	51	76	39	78	97	51	43	46	0.00
<u>23</u>	54	381	3.8	64	17.0	51	60	44	52	. 72	41	70	91	40	41	45	0.00
<u>24</u>	55	387	4.5	36	20.0	46	58	34	47	67	31	70	96	42	36	41	0.00
<u>25</u>	56	388	3.5	349	22.0	47	63	33	49	75	31	72	97	39	37	42	0.00
<u>26</u>	57	275	6.5	11	34.0	46	53	39	47	61	38	65	87	53	35	41	0.00
<u>27</u>	58	387	4.8	29	34.0	47	55	42	49	66	38	62	78	44	34	41	0.00
<u>28</u>	59	398	2.2	34	15.0	47	67	32	48	76	30	74	97	37	37	42	0.00
MONTI	HLY	STATIST	ICS														
		Total		Wind		Air Te	mpera	ture	Fuel T	emper	ature	Hur	nidit	y	Dew	Wet	Total
	:	Solar Rad.	Ave.	V. Dir.	Max.	Mean	Max 1	Min	Mean	Max	Min	Mean I	Max I	Min	Point	Bulb	Precip.
		ly.	mph	Deg	mph	Deg. I	ahren	heit	Deg.	Fahrer	nheit	Per	rcent		Deg. Fal	ırenheit	inches
T	otal	6941															4.75
A	۱ve.	248	2.5	351	16.0	46.6	57.2	38.4	47.9	64.9	37.0	82	97	56	41	43	
N	lax.	398	6.5		34.0	51	67	45	52		45	97	99	93	47	48	1.27
N	Ain.	42	0.2		4.0	42	47	32	44	49	30	62	78	37	34	39	0.00
Data a	re su	ibject to fu	ırther	review	and e	editing.	Pleas	e ref	er any	questi	ons to	the W	esteri	n Re	gional C	limate C	enter.

 $<sup>^{\</sup>circ}$  1 ly = 1 cal/cm<sup>2</sup> = 4.1855 J/cm<sup>2</sup> = 3.6855 BTU/ft<sup>2</sup> = .01163 KW-hr/m<sup>2</sup>





Monthly Summary for

## March, 2021

Day Day	Total		Wind		Air Te	mpera	ature	Fuel T	emper	ature	Hur	nidit	y	Dew	Wet	Total
of of	Solar Rad.	Ave.	V. Dir.	Max.	Mean	Max	Min	Mean	Max	Min	Mean I	Max l	Min	Point	Bulb	Precip.
Month Year	ly.	mph	Deg	mph	Deg. I	ahrer	nheit	Deg.	Fahrer	nheit	Pe	rcent		Deg. Fal	renheit	inches
<u>1</u> 60	336	2.1	262	20.0	44	66	34	45	77	31	82	99	26	37	40	0.00
<u>2</u> 61	361	0.8	275	7.0	46	72	35	49	81	30	79	99	18	38	41	0.00
<u>3</u> 62	405	1.3	255	14.0	45	70	31	46	83	28	72	98	17	33	39	0.00
<u>4</u> 63	404	2.8	215	23.0	45	63	33	46	73	30	74	97	36	36	40	0.00
<u>5</u> 64	133	3.5	192	22.0	49	60	37	50	66	37	77	96	56	42	45	1.20
<u>6</u> 65	404	1.2	233	11.0	44	58	35	47	72	33	80	97	42	37	40	0.01
<u>7</u> 66	404	1.7	253	11.0	45	59	36	48	72	34	79	97	42	38	41	0.03
<u>8</u> 67	205	2.4	255	17.0	42	50	35	43	56	34	89	98	71	38	40	0.31
<u>9</u> 68	126	2.0	241	19.0	42	48	38	42	51	38	90	97	76	39	41	0.86
<u>10</u> 69	374	1.9	274	22.0	42	54	36	45	67	34	85	98	49	37	40	0.05
<u>11</u> 70	396	2.0	6	17.0	44	59	35	47	72	33	80	99	39	37	40	0.01
<u>12</u> 71	436	1.6	277	14.0	47	68	34	50	80	30	75	99	25	37	42	0.00
<u>13</u> 72	356	2.3	188	13.0	46	61	38	49	76	37	78	97	54	39	43	0.00
<u>14</u> 73	72	2.3	230	20.0	43	50	37	43	51	37	88	97	66	39	41	0.72
<u>15</u> 74	396	7.4	4	40.0	43	49	35	44	59	33	65	93	48	31	37	0.08
<u>16</u> 75	472	2.6	336	18.0	41	57	29	43	68	28	71	97	31	30	36	0.00
<u>17</u> 76	424	2.9	227	23.0	42	58	30	45	70	28	79	98	49	35	39	0.02
<u>18</u> 77	179	3.2	213	23.0	48	55	41	49	59	42	90	98	71	45	47	0.61
<u>19</u> 78	270	1.8	306	17.0	46	54	40	47	60	39	90	99	62	43	44	0.14
<u>20</u> 79	407	2.7	292	17.0	45	56	35	48	71	32	80	99	51	38	42	0.01
<u>21</u> 80	456	3.5	355	23.0	46	57	35	48	69	32	73	98	49	37	41	0.00
<u>22</u> 81	285	3.6	0	31.0	48	58	39	51	67	38	71	92	56	39	43	0.00
<u>23</u> 82	506	3.3	19	19.0	48	62	37	49	73	33		96	36	36	42	0.00
<u>24</u> 83				21.0	48	62	36	50	72	32		97	40	38	43	0.00
<u>25</u> 84				28.0	47	56	37	49	68	33		95	49	37	42	0.00
<u>26</u> 85	526	2.2	348	14.0	48	69	32	50	80	28		97	32	38	42	0.00
<u>27</u> 86				13.0	53	80	35	55		32		98	21	40	45	0.00
<u>28</u> 87				17.0	52	76	37	55	89	33	70	99	21	39	45	0.00
<u>29</u> 88		6.0		25.0	49	59	40	51		38		92	36	36	42	0.00
<u>30</u> 89				15.0		75	33	52		30		96	22	36	43	0.00
<u>31</u> 90			259	13.0	53	80	33	54	91	28	63	98	12	35	44	0.00
MONTHLY		ICS														
	Total		Wind		Air Te				-			nidit		Dew	Wet	Total
	Solar Rad.															Precip.
	ly.	-	Deg	mph	Deg. I	ahrer	heit	Deg.	Fahrer	heit	Pe	rcent		Deg. Fal	renheit	
Total			• • •	100	4	(1.5	22 .	40.0	<b>-</b>	22.5		c =	, .	•=		4.05
Ave.				18.9		61.3			71.5		76	97	42	37	42	1.00
Max.				40.0		80	41	55		42		99	76	45	47	1.20
Min.	72			7.0	41	48	29	42	51	28	63	92	12	30	36	0.00

Data are subject to further review and editing. Please refer any questions to the Western Regional Climate Center.

<sup>° 1</sup> ly = 1 cal/cm² =  $4.1855 \text{ J/cm}^2 = 3.6855 \text{ BTU/ft}^2 = .01163 \text{ KW-hr/m}^2$ 



Monthly Summary for

## **April**, 2021

Day Day	Total		Wind		Air Te	mpera	ature	Fuel T	emper	ature	Hun	nidity	y	Dew	Wet	Total
of of	Solar Rad.	Ave.	V. Dir.	Max.	Mean	Max	Min	Mean	Max	Min	Mean I	Max I	Min	Point	Bulb	Precip.
Month Year	1y.	mph	Deg	mph	Deg. I	ahrer	heit	Deg.	Fahrer	heit	Per	cent		Deg. Fal	renheit	inches
<u>1</u> 91	. 555	1.8	238	16.0	53	78	33	53	88	29	60	96	13	33	43	0.00
<u>2</u> 92	2 497	2.0	258	15.0	50	72	32	51	84	29	65	96	19	35	42	0.00
<u>3</u> 93	354	2.9	222	17.0	50	59	39	53	70	35	73	94	55	41	45	0.00
<u>4</u> 94		1.7	239	14.0	51	65	44	54	76	43	74	93	43	42	46	0.00
<u>5</u> 95	503	2.2	344	15.0	51	70	37	54	82	34	70	92	35	41	45	0.00
<u>6</u> 96				14.0	50	74	34	52	85	30		98	18	38	43	0.00
<u>7</u> 97				16.0	50	64	44	53	77	40		89	48	41	45	0.00
<u>8</u> 98				17.0	49	66	37	52	79	34		93	39	38	43	0.00
<u>9</u> 99				19.0	48	60	37	51	72	33		94	54	39	43	0.00
<u>10</u> 100				25.0	49	63	36	52	77	33	63	92	42	36	43	0.00
<u>11</u> 101				19.0	50	68	35	51	79	31	68	95	39	38	43	0.00
<u>12</u> 102	2 599	3.0		20.0	53	76	34	54	87	29		98	19	36	44	0.00
<u>13</u> 103				28.0	51	69	36	52	81	32		96	22	34	43	0.00
<u>14</u> 104	604	1.9	327	21.0	51	73	32	51	86	27	58	97	19	32	41	0.00
<u>15</u> 105	613	2.0	244	14.0	51	73	31	51	87	27	58	96	14	31	41	0.00
<u>16</u> 106	603	1.6	297	17.0	55	81	33	56	93	29	62	96	20	38	45	0.00
<u>17</u> 107	606			17.0	58	83	38	59	96	33	60	98	17	39	47	0.00
<u>18</u> 108				18.0	59	85	36	59	96	31	57	97	16	39	48	0.00
<u>19</u> 109			24	21.0	55	73	39	56	85	34	62	95	23	40	46	0.00
<u>20</u> 110			38	24.0	53	62	47	57	76	45	72	88	56	45	48	0.00
<u>21</u> 111				18.0	55	73	42	58	86	37	68	95	28	42	48	0.00
<u>22</u> 112				23.0	55	73	41	58	87	39		95	26	41	47	0.00
<u>23</u> 113				16.0	55	74	38	57	87	33	62	97	26	39	46	0.00
<u>24</u> 114				19.0	51	58	47	54	71	46		93	50	42	46	0.01
<u>25</u> 115		2.1		15.0	47	54	41	49	61	39		97	62	43	45	1.03
<u>26</u> 116				13.0	48	58	37	50	71	32		96	51	40	44	0.00
<u>27</u> 117				17.0	53	74	37	57	87	37		99	26	40	46	0.00
<u>28</u> 118		1.7		15.0	59	83	37	61	96	32		98	16	41	49	0.00
<u>29</u> 119				16.0	59	81	41	61	94	36		97	29	42	49	0.00
<u>30</u> 120			346	16.0	58	75	39	61	88	34	64	95	30	44	50	0.00
MONTHLY	Y STATIST	ICS														
	Total		Wind		Air Te	-						nidit	,	Dew	Wet	Total
	Solar Rad.															Precip.
	ly.	-	Deg	mph	Deg. I	ahrer	iheit	Deg. 1	Fahrer	heit	Pei	cent		Deg. Fal	renheit	
Total																1.04
Ave			334	17.8		70.6			82.8		66	95	32	39	45	
Max		6.0		28.0	59	85	47	61	96	46		99	62	45	50	1.03
Min	. 321	1.5		13.0		54 Di	31	49	61	27	57	88	13	31	41	0.00

<sup>° 1</sup> ly = 1 cal/cm<sup>2</sup> =  $4.1855 \text{ J/cm}^2 = 3.6855 \text{ BTU/ft}^2 = .01163 \text{ KW-hr/m}^2$ 





Monthly Summary for

## May, 2021

Day Day	Total		Wind		Air Te	mpera	ature	Fuel T	emper	ature	Hur	nidit	y	Dew	Wet	Total
of of S	Solar Rad.	Ave.	V. Dir.	Max.	Mean	Max	Min	Mean	Max	Min	Mean I	Max l	Min	Point	Bulb	Precip.
Month Year	ly.	mph	Deg	mph	Deg. F	ahrer	nheit	Deg.	Fahrer	nheit	Per	rcent		Deg. Fal	ırenheit	inches
<u>1</u> 121	579	3.8	11	21.0	56	66	49	60	80	47	73	97	55	47	51	0.00
<u>2</u> 122	637	3.9	107	20.0	57	67	50	62	83	48	66	83	43	45	50	0.00
<u>3</u> 123	661	5.2	46	27.0	59	73	49	62	86	45	61	87	31	44	50	0.00
<u>4</u> 124	674	4.4	17	23.0	60	73	45	62	87	40	64	94	35	46	51	0.00
<u>5</u> 125	648	2.3	293	17.0	63	87	43	65	101	39	63	97	20	46	52	0.00
<u>6</u> 126	513	3.5	357	24.0	56	73	41	59	89	35	68	97	42	45	49	0.00
<u>7</u> 127	686			27.0	54	62	47	58		44		75	42	39	46	0.00
<u>8</u> 128	671	5.9		34.0	57	71	46	61		43	56	81	30	40	47	0.00
<u>9</u> 129	670			30.0	58	69	49	61	81	46	63	81	39	44	50	0.00
<u>10</u> 130	699		38	18.0	60	84	42	64		39	62	96	25	44	51	0.00
<u>11</u> 131	694			16.0	63	87	41	65		36	59	97	19	44	51	0.00
<u>12</u> 132	693		24	16.0	64	88	43	67		37	59	97	24	46	53	0.00
<u>13</u> 133	678		57	19.0	61	83	44	65		39	64	96	25	46	52	0.00
<u>14</u> 134	634	5.2	63	23.0	56	69	49	60		49	70	84	49	46	50	0.00
<u>15</u> 135	651	4.3		19.0	60	78	46	64		42	65	93	34	47	52	0.00
<u>16</u> 136	668	2.8		15.0	61	91	44	66		41	66	95	20	47	52	0.00
<u>17</u> 137	689	4.2	45	21.0	58	74	44	61	88	42	68	94	42	46	50	0.00
<u>18</u> 138	709			20.0	56	71	42	59		37	64	96	35	42	48	0.00
<u>19</u> 139	680			31.0	52	61	45	56	75	41	54	76	37	36	44	0.00
<u>20</u> 140	716			32.0	52	59	46	56	73	44		70	37	35	43	0.00
<u>21</u> 141	710	5.8	30	33.0	54	63	45	58	77	42	58	81	39	39	46	0.00
<u>22</u> 142	682		37	20.0	56	73	41	60	88	37	60	95	31	41	48	0.00
<u>23</u> 143	707			21.0	58	76	39	60	90	35	57	93	25	39	47	0.00
<u>24</u> 144	695			18.0	61	79	41	66	96	37	63	95	32	46	52	0.00
<u>25</u> 145	678			20.0	59	70	47	63	85	44		92	46	47	52	0.00
<u>26</u> 146	705		58	16.0	60	78	44	64	93	40	63	92	37	46	52	0.00
<u>27</u> 147	597	2.8		16.0	60	78	40	65		35	69	97	40	48	53	0.00
<u>28</u> 148	711	4.6		16.0	63	81	49	67		46	58	84	33	46	53	0.00
<u>29</u> 149	711	4.2		20.0	60	79	44	64		41	64	94	29	45	51	0.00
<u>30</u> 150	714			20.0	64	84	43	68		39	59	96	26	46	53	0.00
<u>31</u> 151	705		5	18.0	71	98	46	74	109	41	53	92	19	48	56	0.00
MONTHLY		ICS														
	Total		Wind		Air Te	-			-			nidit	,	Dew	Wet	Total
S	Solar Rad.															Precip.
	ly.	mph	Deg	mph	Deg. F	ahrer	nheit	Deg.	Fahrer	heit	Per	rcent		Deg. Fal	ırenheit	
Total	20865		_										_			0.00
Ave.	673		29	21.6		75.6		62.7		41.0	62	90	34	44	50	
Max.	716			34.0	71	98	50	74		49	73	97	55	48	56	0.00
Min.	513	2.3		15.0	52	59	39	56	73	35	53	70	19	35	43	0.00

<sup>° 1</sup> ly = 1 cal/cm² =  $4.1855 \text{ J/cm}^2 = 3.6855 \text{ BTU/ft}^2 = .01163 \text{ KW-hr/m}^2$ 



Monthly Summary for

## June, 2021

of         of         Solar Rad.         Ave. V. Dir.         Max.         Men         Max.         Min         Mean         Max.         Min         Deg.         Fahrenheit         inches           1         152         705         2.2         44         19.0         73         102         50         77         107         46         55         93         26         51         58         0.00           2         153         717         4.0         26         0.0         67         88         48         70         102         43         60         95         20         49         56         0.00           4         155         724         4.0         37         50         66         86         49         63         84         49         53         78         33         40         4
1       152       705       2.2       44       1.0       73       102       50       77       117       46       53       90       18       51       58       0.00         2       153       712       3.5       18       18.0       71       90       50       74       105       46       55       93       26       51       58       0.00         3       154       717       4.2       26       25.0       67       88       48       70       102       43       60       95       20       49       56       0.00         4       155       724       4.0       37       25.0       66       86       49       69       100       45       54       96       15       44       53       0.00         5       156       726       7.4       26       26.0       62       73       51       66       87       49       53       78       36       44       51       0.00         6       157       716       6.1       19       27.0       58       69       49       63       84       47       57       80       33
2 153       712 3.5       18 18.0       71 90 50       74 105 46 55 93 26 51 58 0.00       51 58 0.00         3 154       717 4.2       26 25.0       67 88 48 70 102 43 60 95 20 49 56 0.00       49 56 0.00         4 155       724 4.0       37 25.0       66 86 49 69 100 45 54 96 15 44 53 0.00         5 156       726 7.4       26 26.0       62 73 51 66 87 49 53 78 36 44 51 0.00         6 157       716 6.1       19 27.0       58 69 49 63 84 47 57 80 30 41 49 0.00         7 158       698 4.1       342 21.0       57 68 45 60 84 41 58 94 33 40 48 0.00         8 159       605 2.8 227 17.0       54 67 39 57 87 83 36 64 96 35 40 46 60.00         9 160       554 2.5 292 20.0       52 67 36 54 83 26 69 98 34 40 45 46 0.00         10 161       663 2.5 236 17.0       55 72 37 59 89 28 62 97 26 40 46 0.00         11 162       239 2.3 244 20.0       56 67 45 58 75 42 77 97 46 48 52 59 61 0.00         12 163       622 3.2 232 23.0       66 76 59 70 87 60 77 99 85 55 59 61 0.00         13 164       402 3.2 288 21.0       66 76 59 70 87 60 77 96 52 58 61 0.00         15 166       728 3.7 340 21.0       66 87 48 80 92 41 68 92 39 29 46 52 52 58 61 0.00         15 166       728 3.7 340 21.0       66 87 48 70 101 43 59 96 32 85 52 56 0.00         15 168       742 4.6 38 23.0       66 87 48 70 101 43
3       154       717       4.2       26       25.0       67       88       48       70       102       43       60       95       20       49       56       0.00         4       155       724       4.0       37       25.0       66       86       49       69       100       45       54       96       15       44       53       0.00         5       156       726       7.4       26       26.0       62       73       51       66       87       49       53       78       36       44       51       0.00         6       157       716       6.1       19       27.0       58       69       49       63       84       47       57       80       30       41       49       0.00         2       158       698       4.1       342       21.0       57       68       45       60       84       41       58       94       33       40       48       0.00         8       159       605       2.8       227       17.0       55       72       37       59       89       28       62       97       26
4       155       724       4.0       37       25.0       66       86       49       69       100       45       54       96       15       44       53       0.00         5       156       726       7.4       26       26.0       62       73       51       66       87       49       53       78       36       44       51       0.00         6       157       716       6.1       19       27.0       58       69       49       63       84       47       57       80       30       41       49       0.00         7       158       698       4.1       342       21.0       57       68       45       60       84       41       58       94       33       40       48       0.00         8       159       605       2.8       227       17.0       54       67       39       57       87       33       64       96       35       40       46       0.00         10       161       663       2.5       236       17.0       55       72       37       59       89       28       62       97       26
\$\begin{array}{cccccccccccccccccccccccccccccccccccc
6         157         716         6.1         19         27.0         58         69         49         63         84         47         57         80         30         41         49         0.00           7         158         698         4.1         342         21.0         57         68         45         60         84         41         58         94         33         40         48         0.00           8         159         605         2.8         227         17.0         54         67         39         57         87         33         64         96         35         40         46         0.00           9         160         554         2.5         292         20.0         52         67         36         54         83         26         69         98         34         40         45         0.00           10         161         663         2.5         236         17.0         55         72         37         59         89         28         62         97         26         40         46         0.00           11         162         239         2.3         244
7       158       698       4.1       342       21.0       57       68       45       60       84       41       58       94       33       40       48       0.00         8       159       605       2.8       227       17.0       54       67       39       57       87       33       64       96       35       40       46       0.00         9       160       554       2.5       292       20.0       52       67       36       54       83       26       69       98       34       40       45       0.00         10       161       663       2.5       236       17.0       55       72       37       59       89       28       62       97       26       40       46       0.00         11       162       239       2.3       244       20.0       56       67       45       58       75       42       77       97       46       48       52       0.32         12       163       622       3.2       232       23.0       66       77       57       71       92       57       79       98       55
8       159       605       2.8       227       17.0       54       67       39       57       87       33       64       96       35       40       46       0.00         9       160       554       2.5       292       20.0       52       67       36       54       83       26       69       98       34       40       45       0.00         10       161       663       2.5       236       17.0       55       72       37       59       89       28       62       97       26       40       46       0.00         11       162       239       2.3       244       20.0       56       67       45       58       75       42       77       97       46       48       52       0.32         12       163       622       3.2       232       23.0       66       77       57       71       92       57       79       98       55       59       61       0.00         13       164       402       3.2       228       21.0       66       76       59       70       87       60       77       96       52 </td
9         160         554         2.5         292         20.0         52         67         36         54         83         26         69         98         34         40         45         0.00           10         161         663         2.5         236         17.0         55         72         37         59         89         28         62         97         26         40         46         0.00           11         162         239         2.3         244         20.0         56         67         45         58         75         42         77         97         46         48         52         0.32           12         163         622         3.2         232         23.0         66         77         57         71         92         57         79         98         55         59         61         0.00           13         164         402         3.2         228         21.0         66         76         59         70         87         60         77         96         52         58         61         0.00           14         165         598         3.1         250
10       161       663       2.5       236       17.0       55       72       37       59       89       28       62       97       26       40       46       0.00         11       162       239       2.3       244       20.0       56       67       45       58       75       42       77       97       46       48       52       0.32         12       163       622       3.2       232       23.0       66       77       57       71       92       57       79       98       55       59       61       0.00         13       164       402       3.2       228       21.0       66       76       59       70       87       60       77       96       52       58       61       0.00         14       165       598       3.1       250       15.0       64       75       48       68       92       41       68       96       35       52       56       0.00         15       166       728       3.7       340       21.0       61       77       46       66       93       39       63       98       29
11       162       239       2.3       244       20.0       56       67       45       58       75       42       77       97       46       48       52       0.32         12       163       622       3.2       232       23.0       66       77       57       71       92       57       79       98       55       59       61       0.00         13       164       402       3.2       228       21.0       66       76       59       70       87       60       77       96       52       58       61       0.00         14       165       598       3.1       250       15.0       64       75       48       68       92       41       68       96       35       52       56       0.00         15       166       728       3.7       340       21.0       61       77       46       66       93       39       63       98       29       46       52       0.00         16       167       744       3.8       25       19.0       66       87       46       70       101       43       59       96       22
12       163       622       3.2       232       23.0       66       77       57       71       92       57       79       98       55       59       61       0.00         13       164       402       3.2       228       21.0       66       76       59       70       87       60       77       96       52       58       61       0.00         14       165       598       3.1       250       15.0       64       75       48       68       92       41       68       96       35       52       56       0.00         15       166       728       3.7       340       21.0       61       77       46       66       93       39       63       98       29       46       52       0.00         16       167       744       3.8       25       19.0       66       87       46       70       101       43       59       96       22       48       55       0.00         17       168       742       4.6       38       23.0       66       85       48       70       101       43       59       96       22
13       164       402       3.2       228       21.0       66       76       59       70       87       60       77       96       52       58       61       0.00         14       165       598       3.1       250       15.0       64       75       48       68       92       41       68       96       35       52       56       0.00         15       166       728       3.7       340       21.0       61       77       46       66       93       39       63       98       29       46       52       0.00         16       167       744       3.8       25       19.0       66       87       46       70       101       43       59       96       22       48       55       0.00         17       168       742       4.6       38       23.0       66       85       48       70       97       44       62       97       28       50       56       0.00         18       169       734       4.1       44       21.0       66       87       48       70       103       46       62       95       29<
14       165       598       3.1       250       15.0       64       75       48       68       92       41       68       96       35       52       56       0.00         15       166       728       3.7       340       21.0       61       77       46       66       93       39       63       98       29       46       52       0.00         16       167       744       3.8       25       19.0       66       87       46       70       101       43       59       96       22       48       55       0.00         17       168       742       4.6       38       23.0       66       85       48       70       97       44       62       97       28       50       56       0.00         18       169       734       4.1       44       21.0       66       87       48       70       103       46       62       95       29       50       56       0.00         19       170       724       1.7       247       15.0       72       101       47       76       117       43       59       97       1
15       166       728       3.7       340       21.0       61       77       46       66       93       39       63       98       29       46       52       0.00         16       167       744       3.8       25       19.0       66       87       46       70       101       43       59       96       22       48       55       0.00         17       168       742       4.6       38       23.0       66       85       48       70       97       44       62       97       28       50       56       0.00         18       169       734       4.1       44       21.0       66       87       48       70       103       46       62       95       29       50       56       0.00         19       170       724       1.7       247       15.0       72       101       47       76       117       43       59       97       19       52       59       0.00         20       171       728       2.0       225       15.0       74       96       54       76       112       47       53       96
16       167       744       3.8       25       19.0       66       87       46       70       101       43       59       96       22       48       55       0.00         17       168       742       4.6       38       23.0       66       85       48       70       97       44       62       97       28       50       56       0.00         18       169       734       4.1       44       21.0       66       87       48       70       103       46       62       95       29       50       56       0.00         19       170       724       1.7       247       15.0       72       101       47       76       117       43       59       97       19       52       59       0.00         20       171       728       2.0       225       15.0       74       96       54       76       112       47       53       96       18       50       59       0.00         21       172       716       2.7       235       13.0       65       82       49       68       97       43       64       96
17       168       742       4.6       38       23.0       66       85       48       70       97       44       62       97       28       50       56       0.00         18       169       734       4.1       44       21.0       66       87       48       70       103       46       62       95       29       50       56       0.00         19       170       724       1.7       247       15.0       72       101       47       76       117       43       59       97       19       52       59       0.00         20       171       728       2.0       225       15.0       74       96       54       76       112       47       53       96       18       50       59       0.00         21       172       716       2.7       235       13.0       65       82       49       68       97       43       64       96       35       50       56       0.00         22       173       679       2.9       220       15.0       62       76       49       67       91       44       70       97
18       169       734       4.1       44       21.0       66       87       48       70       103       46       62       95       29       50       56       0.00         19       170       724       1.7       247       15.0       72       101       47       76       117       43       59       97       19       52       59       0.00         20       171       728       2.0       225       15.0       74       96       54       76       112       47       53       96       18       50       59       0.00         21       172       716       2.7       235       13.0       65       82       49       68       97       43       64       96       35       50       56       0.00         22       173       679       2.9       220       15.0       62       76       49       67       91       44       70       97       44       51       55       0.00         23       174       697       2.9       127       15.0       66       84       47       70       100       41       66       98 <t< td=""></t<>
19       170       724       1.7       247       15.0       72       101       47       76       117       43       59       97       19       52       59       0.00         20       171       728       2.0       225       15.0       74       96       54       76       112       47       53       96       18       50       59       0.00         21       172       716       2.7       235       13.0       65       82       49       68       97       43       64       96       35       50       56       0.00         22       173       679       2.9       220       15.0       62       76       49       67       91       44       70       97       44       51       55       0.00         23       174       697       2.9       127       15.0       66       84       47       70       100       41       66       98       36       52       57       0.00         24       175       691       2.9       89       16.0       70       93       55       76       108       54       61       89 <t< td=""></t<>
20       171       728       2.0       225       15.0       74       96       54       76       112       47       53       96       18       50       59       0.00         21       172       716       2.7       235       13.0       65       82       49       68       97       43       64       96       35       50       56       0.00         22       173       679       2.9       220       15.0       62       76       49       67       91       44       70       97       44       51       55       0.00         23       174       697       2.9       127       15.0       66       84       47       70       100       41       66       98       36       52       57       0.00         24       175       691       2.9       89       16.0       70       93       55       76       108       54       61       89       30       54       60       0.00         25       176       694       2.1       75       14.0       73       95       54       77       112       51       59       94
21       172       716       2.7       235       13.0       65       82       49       68       97       43       64       96       35       50       56       0.00         22       173       679       2.9       220       15.0       62       76       49       67       91       44       70       97       44       51       55       0.00         23       174       697       2.9       127       15.0       66       84       47       70       100       41       66       98       36       52       57       0.00         24       175       691       2.9       89       16.0       70       93       55       76       108       54       61       89       30       54       60       0.00         25       176       694       2.1       75       14.0       73       95       54       77       112       51       59       94       30       55       61       0.00         26       177       707       2.1       28       18.0       77       101       54       80       117       50       55       95
22       173       679       2.9       220       15.0       62       76       49       67       91       44       70       97       44       51       55       0.00         23       174       697       2.9       127       15.0       66       84       47       70       100       41       66       98       36       52       57       0.00         24       175       691       2.9       89       16.0       70       93       55       76       108       54       61       89       30       54       60       0.00         25       176       694       2.1       75       14.0       73       95       54       77       112       51       59       94       30       55       61       0.00         26       177       707       2.1       28       18.0       77       101       54       80       117       50       55       95       22       55       62       0.00
23     174     697     2.9     127     15.0     66     84     47     70     100     41     66     98     36     52     57     0.00       24     175     691     2.9     89     16.0     70     93     55     76     108     54     61     89     30     54     60     0.00       25     176     694     2.1     75     14.0     73     95     54     77     112     51     59     94     30     55     61     0.00       26     177     707     2.1     28     18.0     77     101     54     80     117     50     55     95     22     55     62     0.00
24     175     691     2.9     89     16.0     70     93     55     76     108     54     61     89     30     54     60     0.00       25     176     694     2.1     75     14.0     73     95     54     77     112     51     59     94     30     55     61     0.00       26     177     707     2.1     28     18.0     77     101     54     80     117     50     55     95     22     55     62     0.00
25     176     694     2.1     75     14.0     73     95     54     77     112     51     59     94     30     55     61     0.00       26     177     707     2.1     28     18.0     77     101     54     80     117     50     55     95     22     55     62     0.00
<b>26</b> 177 707 2.1 28 18.0 77 101 54 80 117 50 55 95 22 55 62 0.00
<b>27</b> 178 16.0 96 57 112 53 89 24
<u>28</u> 179 710 2.4 231 20.0 71 89 54 75 107 50 62 93 31 55 60 0.00
<u>29</u> 180 702 3.7 24 22.0 73 95 53 77 110 48 59 97 23 54 61 0.00
<u>30</u> 181 694 4.9 53 20.0 69 87 55 74 101 51 67 95 38 56 60 0.00
MONTHLY STATISTICS
Total Wind Air Temperature Fuel Temperature Humidity Dew Wet Total
Solar Rad. Ave. V. Dir. Max. Mean Max Min Mean Max Min Mean Max Min Point Bulb Precip.
ly. mph Deg mph Deg. Fahrenheit Deg. Fahrenheit Percent Deg. Fahrenheit inches
Total 19373 0.32
Ave. 668 3.4 332 19.2 65.5 83.6 49.3 69.2 98.7 45.0 62 94 31 50 55
Max. 744 7.4 27.0 77 102 59 80 117 60 79 98 55 59 62 0.32
Min. 239 1.7 13.0 52 67 36 54 75 26 53 78 15 40 45 0.00

<sup>° 1</sup> ly = 1 cal/cm<sup>2</sup> =  $4.1855 \text{ J/cm}^2 = 3.6855 \text{ BTU/ft}^2 = .01163 \text{ KW-hr/m}^2$ 





Monthly Summary for

## July, 2021

Day Day	Total		Wind		Air Te	mpera	ature	Fuel T	emper	ature	Hu	midity	y	Dew	Wet	Total
of of Se	olar Rad.	Ave.	V. Dir.	Max.	Mean	Max	Min	Mean	Max	Min	Mean	Max I	Min	Point	Bulb	Precip.
Month Year	ly.	mph	Deg	mph	Deg. F	`ahrer	nheit	Deg.	Fahren	heit	Pe	rcent		Deg. Fal	renheit	inches
<u>1</u> 182	681	6.2	61	18.0	69	87	59	74	102	59	64	82	34	55	60	0.00
<u>2</u> 183	702	3.1	80	15.0	74	97	55	79	114	53	60	94	15	55	61	0.00
<u>3</u> 184	717	2.9	97	15.0	75	98	53	79	112	49	57	97	13	54	61	0.00
<u>4</u> 185	700	2.9	95	15.0	73	94	55	78	111	53	60	90	32	56	61	0.00
<u>5</u> 186	698	2.4	86	14.0	73	98	53	78	113	49	56	94	22	53	59	0.00
<u>6</u> 187	709	3.4	66	18.0	68	92	52	73	110	49	63	92	26	52	57	0.00
<u>7</u> 188	704	5.0		20.0		81	50	69		45	65	92	38	51	56	0.00
<u>8</u> 189	718	3.3	43	17.0	66	88	48	71	103	45	62	96	28	50	56	0.00
<u>9</u> 190	707	3.4	70	17.0	70	96	48	75	111	45	56	92	20	50	57	0.00
<u>10</u> 191	702	3.5	43	16.0	69	95	49	73		45	61	94	22	51	57	0.00
<u>11</u> 192	716	3.3	48	19.0	68	92	51	73		46	61	92	25	51	57	0.00
<u>12</u> 193	713	4.0	41	20.0	65	87	47	69	102	43	65	96	32	50	55	0.00
<u>13</u> 194	700	3.8	60	18.0	66	90	47	71	103	43	63	96	27	50	56	0.00
<u>14</u> 195	684	3.2	41	19.0	65	87	48	70		46	65	95	31	51	56	0.00
<u>15</u> 196	696	4.1	70	18.0	64	83	54	69	98	53	64	84	37	50	55	0.00
<u>16</u> 197	690	4.3	41	17.0	65	82	49	70	96	46	61	94	32	50	55	0.00
<u>17</u> 198	687	4.3	23	20.0	67	86	50	71	102	48	61	94	29	51	56	0.00
<u>18</u> 199	702	3.3		22.0		95	48	72		44	61	95	24	51	57	0.00
<u>19</u> 200	640	3.9	25	20.0	68	89	51	70		48	61	99	28	52	57	0.00
<u>20</u> 201	713	3.9	346	24.0		86	47	68	96	42	63	100	24	50	56	0.00
<u>21</u> 202				21.0		81	55		93	52		88	35			
<u>22</u> 203				19.0		87	51		99	47		89	22			
<u>23</u> 204	692			20.0		94	47	72		43		100	20	48	57	0.00
<u>24</u> 205	654	2.5	45	19.0	73	101	50	75	112	45	55	93	20	51	59	0.00
<u>25</u> 206	604	2.1		13.0		100	51	76		47	57	98	23	54	60	0.00
<u>26</u> 207	587	2.6		14.0		94	54	76		51	54	90	28	54	60	0.00
<u>27</u> 208	308	1.4		11.0		87	59	70		55	72	100	36	58	61	0.02
<u>28</u> 209	648	1.9	247	16.0	77	102	57	80		54	57		15	55	62	0.00
<u>29</u> 210	663	2.0		15.0		105	58	82		54	46	88	12	52	62	0.00
<u>30</u> 211	670	2.2		16.0		107	60	83		55	44	79	8	50	61	0.00
<u>31</u> 212	652	1.9	208	19.0	74	103	54	75	116	49	55	93	17	53	60	0.00
MONTHLY S	STATISTI	CS														
	Total		Wind		Air Te	-			_			midity		Dew	Wet	Total
Se	olar Rad.															Precip.
	ly.	mph	Deg	mph	Deg. F	ahrer	nheit	Deg.	Fahren	heit	Pe	rcent		Deg. Fah	renheit	inches
Total	19456															0.02
Ave.	671	3.2	52	17.6			51.9		105.6		59	93	25	52	58	
Max.	718	6.2		24.0		107	60	83		59		100	38	58	62	0.02
Min.	308	1.4		11.0	64	81	47	68		42	44	79	8	48	55	0.00

Data are subject to further review and editing. Please refer any questions to the Western Regional Climate Center.

<sup>° 1</sup> ly = 1 cal/cm² =  $4.1855 \text{ J/cm}^2 = 3.6855 \text{ BTU/ft}^2 = .01163 \text{ KW-hr/m}^2$ 



Monthly Summary for

## August, 2021

Day	Day	Total		Wind		Air Te	mper	ature	Fuel T	emper	ature	Hu	midit	y	Dew	Wet	Total
of	of	Solar Rad.	Ave.	V. Dir.	Max.	Mean	Max	Min	Mean	Max	Min	Mean	Max l	Min	Point	Bulb	Precip.
Month	Year	ly.	mph	Deg	mph	Deg. 1	Fahre	nheit	Deg.	Fahren	heit	Pe	rcent		Deg. Fal	renheit	inches
<u>1</u>	213	660	2.7	217	18.0	72	94	52	73	104	47	52	98	18	49	58	0.00
<u>2</u>	214	678	2.2	249	15.0	68	92	50	70	105	45	51	97	9	43	54	0.00
<u>3</u>	215	611	1.8	262	14.0	72	100	48	72	110	44	54	99	6	47	57	0.00
	216	674	2.4	245	16.0	71	97	49	72	108	43	52	100	9	45	56	0.00
<u>5</u>	217	561	2.9	92	21.0	65	82	47	66	92	42	69	97	41	53	57	0.00
	218				19.0		90	54		103	51		100	24			
	219	516	3.0		16.0	72	91	57	74		54	68	99	34	59	63	0.00
	220	631	5.0	41	17.0	71	88	54	73	99	50	62	85	33	55	61	0.00
<u>9</u>	221	616	2.4	248	17.0	73	97	50	74		46	54	97	16	51	59	0.00
	222	591	2.0	287	15.0	78	102	54	79		49	49	95	15	51	61	0.00
	223	545	1.6	341	16.0	78	104	56	78		52	47	84	12	50	60	0.00
<u>12</u>	224	429	1.5	40	14.0	75	99	56	76	108	51	49	83	19	51	59	0.00
<u>13</u>		304		266	13.0	70	90	59	71			57	80	28	53	59	0.00
<u>14</u>	226	386	2.1	72	15.0	71	91	55	72	100	52	61	88	31	55	60	0.00
	227	525	2.8	15	20.0	71	94		73	104	51	66	96	32	57	61	0.00
	228	618	5.1	24	20.0	68	87	54	70			67	100	30	54	59	0.00
<u>17</u>	229	602	6.0	39	27.0	66	77	53	69	88		64	89	36	52	57	0.00
	230	429	3.2		19.0	63	79	48	63	87	42	66	100	35	50	55	0.00
	231	504			17.0	67	89	48	68			64	100	21	51	57	0.00
<u>20</u>	232	473	3.0	335	20.0	66	84		67				100	32	53	57	0.00
<u>21</u>	233	592	4.0	354	21.0	65	82	49	66				100	28	50	55	0.00
<u>22</u>	234	507	3.0	21	15.0	64	87	48	66	99		68	99	33	51	56	0.00
	235	555		295	14.0	64	91	44	66	104	40	62	100	17	46	53	0.00
<u>24</u>	236	565	2.5	15	17.0	64	88	44	65			60	100	22	46	53	0.00
	237	570	3.4		17.0	64	86	45	66	98		62	100	17	46	53	0.00
	238	567	3.8		23.0	67	86	50	68				100	23	51	57	0.00
	239	567	3.8		21.0	68	87	53	69				100	30	52	58	0.00
	240	494	1.5		14.0	71	102	47	71				100	16	49	57	0.00
	241	484			19.0	69	96		69			61	96	21	50	57	0.00
	242	573			26.0	66	89		67				100	17	47	54	0.00
	243	552		12	21.0	63	85	46	64	96	40	58	95	17	45	52	0.00
MONT	HLY	STATIST	ICS														
		Total		Wind			-			emper			midit		Dew	Wet	Total
	,	Solar Rad.															Precip.
_		ly.	mph	Deg	mph	Deg. 1	Fahre	nheit	Deg.	Fahren	heit	Pe	rcent		Deg. Fal	renheit	
	Гotal	16383	_	_													0.00
	Ave.	546		7	18.0		90.5			101.2		60	96	23	50	57	0.00
	Max.	678	6.0		27.0		104		79		54		100	41	59	63	0.00
	Min.	304			13.0		77		63			47	80	6	43	52	0.00
Data	are su	ibject to fu	rther	review	and e	diting.	Plea	se ref	er any	questi	ons to	the W	ester	n Re	gional C	limate C	enter.

° 1 ly = 1 cal/cm² = 4.1855 J/cm² = 3.6855 BTU/ft² = .01163 KW-hr/m²



Monthly Summary for

#### September, 2021

Day Day	Total	Wind			Air Temperature			Fuel Te	emper	ature	Hu	midit	y	Dew	Wet	Total
of of	Solar Rad.	Ave.	V. Dir.	Max.	Mean	Max	Min	Mean	Max	Min	Mean	Max l	Min	Point	Bulb	Precip.
Month Year		mph	Deg	mph	Deg. I	ahrer	nheit	Deg. I	Fahrer	nheit	Pe	rcent		Deg. Fal	ırenheit	inches
<u>1</u> 244			12	13.0	61	87	43	62	96	38	64	100	25	46	52	0.00
<u>2</u> 245	490	1.7	345	15.0	62	87	41	62	98	36	63	100	25	45	52	0.00
<u>3</u> 246	469	1.8	268	14.0	65	90	44	65	100	39		100	22	47	54	0.00
<u>4</u> 247		2.0		17.0	66	93	45	66	102	40	58	100	19	47	54	0.00
<u>5</u> 248		2.3	343	15.0	70	97	48	71	109	43	61	100	17	51	58	0.00
<u>6</u> 249	501	1.6	262	15.0	72	100	51	72	112	46	55	100	10	47	57	0.00
<u>7</u> 250	459		284	18.0	73	99	49	74	111	44	47	90	7	46	57	0.00
<u>8</u> 251		2.2	14	16.0	72	98	54	74	108	50		90	19	52	59	0.00
<u>9</u> 252	2 356	3.3	28	17.0	68	83	54	69	94	50	63	87	36	54	59	0.00
<u>10</u> 253			36	18.0	66	83	54	68	93	52		100	31	53	58	0.00
<u>11</u> 254	506	3.4		19.0	66	89	48	68	100	45		100	28	51	56	0.00
<u>12</u> 255	502	3.4	19	21.0	65	90	48	67	100	44	65	100	17	49	55	0.00
<u>13</u> 256		3.1	6	19.0	63	86	44	63	94	40		100	29	49	54	0.00
<u>14</u> 257		1.5	344	14.0	68	100	45	67	110	40	58	100	15	47	55	0.00
<u>15</u> 258	3 498	2.8		20.0	65	93	45	66	103	40	61	98	20	47	54	0.00
<u>16</u> 259	445	2.8	338	18.0	61	84	44	62	92	40	60	100	17	43	51	0.00
<u>17</u> 260	) 446	2.0	217	16.0	62	89	44	63	99	39	60	96	23	45	51	0.00
<u>18</u> 261			238	8.0	59	64	49	59	64	45		100	74	56	57	0.80
<u>19</u> 262		2.8	349	18.0	62	75	52	64	85	51	75	100	37	52	56	0.01
<u>20</u> 263			338	19.0	63	88	46	64	96	43		100	22	49	54	0.00
<u>21</u> 264				17.0	65	94	45	65	105	41		100	14	47	54	0.00
<u>22</u> 265				20.0	66	91	46	66	102	42		100	15	47	54	0.00
<u>23</u> 266		1.4	250	14.0	68	98	47	68	107	43		100	14	49	56	0.00
<u>24</u> 267			244	13.0	67	97	47	67	108	43		100	14	47	55	0.00
<u>25</u> 268				14.0	61	80	45	62	91	40		100	34	50	54	0.00
<u>26</u> 269				13.0	60	74	52	62	85	49	76	96	45	51	55	0.00
<u>27</u> 270				15.0	57	65	51	57	66	51		100	86	56	56	0.14
<u>28</u> 271				25.0	56	70	46	58	79	43		100	39	47	51	0.00
<u>29</u> 272				17.0	58	76	44	59	86	41		100	33	46	50	0.00
<u>30</u> 273			41	19.0	62	82	42	63	92	38	71	100	28	50	54	0.00
MONTHLY		ICS														
	Total		Wind			•		Fuel Te				midit	•	Dew	Wet	Total
	Solar Rad.													Point		Precip.
	ly.	_	Deg	mph	Deg. I	ahrer	heit	Deg. I	Fahrer	nheit	Pe	rcent		Deg. Fal	ırenheit	
Tota																0.95
Ave			318	16.6		86.7			96.2		66	99	27	49	55	
Max				25.0	73	100	54	74	112	52		100	86	56	59	0.80
Min	. 97	0.9		8.0	56	64	41	57	64	36	47	87	7	43	50	0.00

<sup>° 1</sup> ly = 1 cal/cm² = 4.1855 J/cm² = 3.6855 BTU/ft² = .01163 KW-hr/m²