

Sunday, 10 October 2021

Pepperwood Preserve.

Afternoon Data

1<sup>cm</sup>

1<sup>m</sup>

site	number	DBH	height	DCP	DBH
BAPI	—	—	2m 1.2m	(tapi @ RPH).	
"	—	—		(roadside).	
RPH	10968	72.2			
	10969	79.9		10982	45.2
	10967	84.3		10983	35.3
	10972	42.4		10984	84.3
	10970	57.6		10985	17
	10970	37.5		*	
	10966	62.2		← recall these two	
	10971	46.5		← bottles are swapped.	
B8H	10894	68.7			
	10972	71.3			
	10973	68.5		(RPH & B8H)	
	10974	38.0		data: Laura & Gray,	
	10975	58.1		O8M data: David	
	10976	53.9		& (Gray.)	
	10977	63.0			
	10978	63.2			
	10979	23.7		WTH	DBH
	10980	27.0		10800	89.8
	10981	66.5		10801	50.9
O8M	10959	66.8		10803	83.4
	10960	42.9		10805	73.4
	10961	46.5 & 42.1		10806	35.9
	10962	35.9 & 30.0		10864	33.8
	10963	53.4		10865	94.3
	10964	52.2		10896	72.5
	10965	72.5		10898	58.6
				10899	80.2
				10956	8.6
				10986	30.1
				← DCP : WTH Melina: Laura	

## Water Potential Measurements - Notes: Pedawans 6-Ψ 5-Ψ 1-Ψ 10/9/2023

Site: Chapparal "Serpentine trail" People: Indra, Raphaela, Courtney Date/Time of Day: 4:15 pm start

Sample	Ψ - 1	Ψ - 2	Ψ - 3	Notes
10987	-1.11 *	(-2.3) *	-1.9	* remove these values - practice b) QUEDUR
10987	-1.85	-1.9		QUEDUR
10988	-1.9	-2.0		↓
10990	-1.1	-1.2	-1.2	QUEDUR
10991	-1.15	-1.5	-1.5	
10991	-1.25	-1.45		↓
10992	-2.4	-2.3	-2.3	HETARB
10996	-2.65	-2.5	-2.3	HETARB ADEFAS
10995	-1.1	-1.15		QUEDUR
10716	-2.3	-2.4	-2.4	HETARB
10717	-1.7	-1.55	-1.6	ADEFAS
10713	-1.3	-1.4	-1.35	QUEDUR
10714	-2.0	-1.95		HETARB
10721	-2.5	-2.35	-2.0	ADEFAS } switched gas tank between
10721	-1.6	-1.75		↓ } these two rows.
10989	-2.1	-2.1		HETARB ←
10720	-1.7	-1.7		ADEFAS
10718	-1.9	-1.8		HETARB
10989	-2.25	-2.6		HETARB ←
10719	-1.45	-1.3	-1.3	HETARB
10993	-3.30	-3.60	-3.3	ADEFAS
10715	-3.1	-3.1		ADEFAS
980	-4.2	-4.1		QUEGARR
981	-3.9	-4.1		QUEGARR
980	-4.4			↓
10964	-1.8	-1.0	-1.8	UMB CAL
10964	-1.7			UMB CAL
10986	-4.35	-4.6	> -6 Maxed out	ARBMEN ← from another site.

## Water Potential Measurements - Notes:

David Ackenly

## PRE-DAWN

Site: Black Oak Hill

People: ML

Date/Time of Day: 9 Oct 2021

Sample	$\Psi$ - 1	$\Psi$ - 2	$\Psi$ - 3	Notes	$\Psi$ - 4	$\Psi$ - 5
10973	1.70	2.02	1.80		1.90	
10978	1.10	1.12	1.15			
10977	<del>0.8</del>	0.64	0.76	0.60	0.72	
10979	0.83	0.69	0.72			
10894	3.00	2.80				
10972	1.60	1.62				
10975	1.65	1.62				
10976	2.05	2.05				
<del>10981</del>	<del>3.95</del>					
10803	3.70	3.45				
10956	1.10	1.05				
10984	1.90	1.95				
<del>10986</del>						
10982	1.20	1.20				
10983	1.65	1.65				
10965	1.20	1.20				
10963	1.80	1.70				
10898	1.40	1.50				QUEADOU
10985	1.10	1.25				ARBMEN
10959	0.60	0.70				QUEAGRI
10960	0.60	0.45				QUEAGRI
10962	1.70	1.80				UMB CAL
10961	1.70	1.70				UMB CAL

## Water Potential Measurements - Notes:

WTH

ite: Black Oak Hill

People: ML

Date/Time of Day:

09 Oct 2021  
Pre-dawn

Sample	$\Psi - 1$	$\Psi - 2$	$\Psi - 3$	Notes	$\Psi - 4$	$\Psi - 5$	Comments
10974	0.70	0.55	0.70				BOH
10981	3.95 *	3.85 *	3.65	3.80			* Double cutting BOH
10800	1.4	2.00	2.3	2.4			WTH
10801	2.60	2.40					WTH
10805	1.8	2.15	1.95				WTH
10806	3.5	3.45					
10899	3.55	3.70					
10864	4.37	4.25					
10865	1.60	1.35	1.40				
10896	3.65	3.70					

## Water Potential Measurements - Notes: MIDDAY

Site: Black oak hill

People: David

Date/Time of Day: 09 Jun 2021  
1:30 pm sampling

Sample	$\Psi$ - 1	$\Psi$ - 2	$\Psi$ - 3	Notes
10980	-4.65	-4.6	-2.3	QUEGAR
10894	-3.3	-3.25		QUEKEL
10976	-3.05	-2.7	-2.75	ARB MEN
10975	-2.85	-2.9		ARB MEN
10974	-1.75	-2.05	-2.2	ARB MEN
10977	-1.85	-2.1		ARB MEN
10978	-2.3	-2.5		PSE MEN
10981	-4.5	-4.7		QUEGAR
10979	-2.2	-2.4		PSE MEN
10972	-2.25	-2.2		PSE MEN
10973	-2.65	-2.6		QUEKEL

Site: Water tank hill

Time: Midday

10800	3.35	3.5	3.45	QUEAGRI
10806	4.45	4.5		QUEKEL
10801	4.6	4.35		QUEDOU
10805	3.1	2.95		QUEAGRI
10803	4.7	4.3	4.4	QUEKEL
10956	2.7	2.85	2.7	UMB CAL
10986	5.65	5.45		<del>ARB MEN</del> ARB MEN
10898	4.55	3.65	3.25	<del>UMB CAL</del> QUEDOU

## Water Potential Measurements - Notes:

Site:	DCP	People:	Medina	Date/Time of Day:	Midday
Sample	$\Psi$ - 1	$\Psi$ - 2	$\Psi$ - 3	Notes	
leaf	0.23	0.85	0.98	12	
twig	0.92	1.2 (avg)	1.3		

10985	3.1	2.3	2.6	ARB MEN (+2.5)
10982	2.6	2.9		PSEMEN
10983	2.45	2.5		PSEMEN
10984	3.0	2.85		UMB CAL

OSM	David	Midday
10964	2.45	2.45
10962	2.60	2.7

2.3 Dave





Fuel Moisture Measurements - Notes: BAC PIL 1 PRE-DAWN  
e: RPH  $\psi$ -1  $\psi$ -2 People:  $\psi$ -3  $\psi$ -4 Date/time: 10 Oct 2021

Sample	$\Psi - 1$	$\Psi - 2$	$\Psi - 3$	Notes
Sunday 10/10)	Water Potential	Potential	Mid-DAY	RPH
10967	6.60	5.85	5.40	5.60
10968	4.85	4.55		QUEDOU
10704	4.55	4.95	4.45	QUEGAR
10722	3.65	3.55		QUEAGRI
10971	5.45	5.95		QUEdou
10966	4.70	5.15	6.10	QUEdou
10970	5.25	5.55		QUEGAR
10969	3.50	3.75	3.25	QUEAGRI
10723	7.0+	7.0+		CEACUN
10724	4.35	4.10		CEAPER
10735	3.15	3.85	3.70	CEAPER
10731	3.35	3.2		
10734	3.9	3.9		
10736	3.45	3.4		Doubt checked spec'd
10732	4.45	4.15		
10730	6.1	4.8	5.1	
10725	6.65	5.85	5.8	
10729	5.3	5.55		ADEFUS
10733	6.1	5.85+ (tank too empty to take)		Ceacun
BACPIL 9/11	2.9	1.45	2.4	2.45
BACPIL 1RPH	3.85	1.85	2.05	2.9
10726	outta gas			
10727	outta gas			
10728	outta da gazz			

Water Potential Measurements - Notes: Middays, 10/11/2021

Site: Chapparal

People: AB Indra B- Date/Time of Day: ~1 PM. 1:30 pm

Sample	$\Psi$ - 1	$\Psi$ - 2	$\Psi$ - 3	Notes
10990	-2.6	-2.5		QUEDUR
10721	-3.25	-3.25		ADEFAS ADEFAS
10714	-3.5	-3.55		HETARB
10713	-3.05	<del>-2.02</del> -2.05	-2.95	QUEDUR
10720	-2.95	-3.00		ADEFAS
10992	-2.95	<del>-3.15</del> -3.15	-3.15	<del>①</del> HETARB
10996	-3.35	<del>-3.52</del> -3.52	-3.55	ADEFAS $\Sigma \Psi = -3.45$
10991	-2.95	-3.55	-3.25	-3.15 QUEDUR
10716	-3.30	-3.35		
	-4.55			
10995	-2.50	-2.5		QUEDUR
10988	<del>-2.80</del> -3.15	-3.6	-3.3	
10718	-2.5	-2.7		HETARB.
10993	-4.5	-4.55		ADEFAS
<del>10989</del>	<del>-3.25</del>			<del>HETARB.</del>
10989	-3.425	-3.55		HETARB
10717	-3.75	-3.65		ADEFAS
10715	-4.65	-4.2	-4.3	ADEFAS
10987	-3.66	-3.5		QUEDUR
10719	-2.4	-2.35		HETARB
10865	-3.55	-2.8	-3.35	QUEGARY
10864	-5.2	-5.2		QUEGARY
10896	-5.3	-4.35	-4.5	QUEKEL
10899	-4.45	-5.0	-4.8	QUEKEL
10960	-1.65	-1.65		QUEAGR.
10963	-2.05	-2.75	-2.75	UC Bay
10959	-2.0	-1.45	-1.90	QUEAGR
10961	-2.35	-2.35		UC Bay
No Label	-2.45	-2.3		DOUG Fir in same group/site as previous sample #10961
10965	-2.3	-2.3		DOUG Fir

Fuel Moisture Measurements - Notes: Oak Soil Moisture Site on CP225D Balance

Sample #	Sample #	New/Old	Wet Wt.	Dry Wt.	Date/time: Notes
10958		L			bottle weight 37.075
0959		L	55.177		37.170
10960		L	56.858		37.056
10961		L	60.445		37.155
0962		L	54.492		37.071
0963		L	57.377		37.066
10964		L	57.823		37.082
10965		S	43.334 (stem)		37.015

NEW SITE ✓					
Sample #	Sample #	New/Old	Wet Wt.	Dry Wt.	Notes
10984		S	39.657 (stem)	37.225	
0983		S	44.532 (stem)	36.954	DCP
0985		S	45.809 (stem)	37.084	
0982		S	41.393 (stem)	37.026	
0984L		L	51.313 (leaf)		
0983L		L	66.753 (leaf)		
0985L		L	70.641 (leaf)		DCP
0982L		L	56.887 (leaf)		
0965L		L	70.781 (leaf)		
10959		S	40.055	37.023	
0960		S	39.136	37.075	OSM
10961		S	40.271	37.046	
10962		S	38.763	37.120	
10963		S	40.605	36.861	
10964		S	41.033	37.081	
10965		S			

Bacpil 1	RPH	57.893	
Bacpil 2		86.175	

Date:	People:	Date/time:			
Bottle #	Sample #	New/Old	Wet Wt.	Dry Wt.	Notes BOTTLE wt.
10976	stem		39.717		37.172
10975	stem		39.904		37.193
10979	S		43.653		37.130
10974	S		40.312		37.106
10977	S		43.526		37.005
10981	S		41.485		37.020
10980	S		41.449		37.155
10978	S		42.572		37.161
10894	S		40.622		37.037
10972	S		43.939		36.879
10973	S		41.603		37.076
10894(L)			64.151		
10979(L)			65.069		
10978(L)			64.805		
10977(L) ↙			74.170		
10977(L) ↙ 10976	Ivs		69.580		
10981(L)			68.481		
10972(L) ✓			65.889		
10980(L) ✓			58.050		
10973(L)			62.880 (S*)		
10974(L)			63.520		
0975 (L)			61.000		
0960 (L)			3		37.058
0960 (S)					
10961 (L)					37.157
10961 (S)					
10962 (L)					37.074
10962 (S)					
0963 (L)					37.068
0963 (S)					
0964 (L)					37.093
0964 (S)					

Soil - with L. leaf & stem					
People:			Date/time:		
Bottle #	Sample #	New/Old	Wet Wt.	Dry Wt.	Notes
10803			53.891 (leaf)		36.938
10899			42.965 (stem)		36.923
10806			39.624 (stem)		37.092
10896			43.577 (stem)		37.081
10805			42.179 (stem)		need weight
10801			40.838 (stem)		36.988
10898			44.077 (stem)		37.086
10865			44.510 (stem)		37.084
10864			41.627 (stem)		36.912
10800			51.426 (leaf)		36.938
10986			40.259 (stem)		36.886
10956			39.278 (stem)		<del>36.912</del> <sup>bottle</sup> need weigh again
10803L			40.424 (stem)		
0899 L			62.153 (leaf)		
10806 L			50.077 (leaf)		
0896 L			74.846 (leaf)		
10801 L			50.263 (leaf)		
0898 L			52.838 (leaf)		
0865 L			56.307 (leaf)		
0864 L			57.580 (leaf)		
0800 L			41.391 (stem)		
0986 L			52.570 (leaf)		
0956 L			54.430 (leaf)		
0805 L			56.838 (leaf)		

## Live Fuel Moisture Measurements - Notes: weighed empty bottles on Mettler AE260 - Grayscale

Site:	Chapparal	leaves/stem	People:	Date/time:	
Bottle #	Sample #	New/Old	Wet Wt.	Dry Wt.	Notes
10714		S	54.2800	P80P.PP	37.024
10716		STEM	60.881	57.2.08	37.182 reweigh:
10718		SFS	46.8263		37.015
10719		S	44.1869	37.199	37.199
10989		S	39.9690	37.224	37.224
10992		P110S	42.6226	P888.84	37.005
109		S		37.015	37.015
10713		S	50.8605	43.81.84	37.178
10987		1819S	41.8264	38.22.84	37.102
10988		1819S	39.9143	35.5626	36.970
10990		S	39.6388		37.211
10991		S	52.8287	38.5.11	37.132
10995		S	43.0610		37.069
10715		S	/		37.032
10717		S	42.6957		37.088
10720		S	41.5623		37.025
10721		S	41.5913		37.134
10995		S	43.0683		37.042 DUPLICATE
10996		S			36.872
10991L		L	62.942	62.942	
10717L		L	51.0041	51.0041	
10988L		L	47.2075		37.0583
10715L		L	/		36.9909
10996L		L			37.0556
10718L		L	103.915		
10719L		L	97.826		
10995L		L	53.9037		
10713L		L	63.815		
10992L		L	92.365		
10720L		L	45.1623		
10721L		L	43.6232		

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Bottle #	Sample #	New/Old	Wet Wt.	Dry Wt.	Notes
10959 (L)					37.167
10959 (S)					
DCP BAP 1 (ONE)			47.555		
10723 (L)	Ivs		53.711		37.162
10723 (S)	Stem		46.804		37.049
10724 (L)	bulk		56.870		37.112
10725 (L)	bulk		73.341		37.158
10726 (L)	Ivs		46.131		37.065
10726 (S)	Stem		45.729		37.097
10727 (L)	bulk		55.933		36.858
10727 (S)					
10728 (L)	bulk		51.660		36.913
10728 (S)					
10729 (CHAM)	bulk		62.669		37.028
10730 (CHAM)	bulk		66.219		37.005
10731 (L)	bulk		57.223		37.094
10731 (S)					
10732 (L)	Ivs		46.361		37.156
10732 (S)	Stem		46.269		37.135
10733 (L)	Ivs		51.563		36.943
10733 (S)	Stem		46.519		37.145
10734 (L)	Ivs		48.739		37.038
10734 (S)	Stem		47.004		37.155
10735 (L)	bulk		53.805		37.017
10735 (S)					
10736 (L)	bulk		54.963		37.051
10736 (S)					
10724 (S)					
10725 (S)					



Bottle #	Sample #	New/Old	Wet Wt.	Dry Wt.	Notes
10993				42.0519	Bulk
10718				71.875	Leaves
10717				40.7818	Stems
10970				40.8007	Stems
10992				66.370	Leaves
10721				40.1039	Bulk
10990				38.6710	Stems
10970				50.8434	Leaves
10801	Stems			39.4459	
10896	Stems			41.0684	
10865	Leaves			47.0961	
10898	Stems			41.3495	
10806	Stems			38.5725	✓
10806	Leaves			43.8601	✓
10864	Stems			39.6912	✓
10864	Leaves			48.2470	✓
10896	Leaves			57.0893	✓
10801	Leaves			44.5636	✓
10898	Leaves			45.4462	✓
10721	Leaves			40.7386	✓
10721	Stems			39.9834	✓
10704	Leaves			50.0049	✓
10713	Stems			45.7687	✓
10713	Leaves			53.0984	✓
10714	Stems			45.9549	✓
10715	Bulk			46.9385	✓
10719	Stems			40.6210	✓
10719	Leaves			68.060	✓
10714	Leaves			77.788	✓
10716	Stems			49.4815	✓
10717	Leaves			45.0259	H9 R1 Ligseed
10971	Leaves			44.4205	Ligseed
10969	Stems			40.8827	
10969	Leaves			51.9429	

