

A Well System for Ongoing Maintenance (AWSOM)

AWSOM

Graphical Trends

Mike DeHaaff

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AWSOM Number #
1002

Well Name
Jim in UK

Chart END-Date
09 July 2022

Graph Date Slider Value
0

Activity Litres

Date	Activity Litres
26/6/22	2560
27/6/22	469
28/6/22	529
29/6/22	413
30/6/22	109
1/7/22	893
2/7/22	2170
3/7/22	860
4/7/22	1156
5/7/22	1363
6/7/22	1562
7/7/22	3450
8/7/22	1306
9/7/22	2733

Enter Recommendations below, add the **Date** and then click **File & Save**.

Date: 09/07/2022

New Unit #1002 in UK with Jim & Mike Baker under test. Looks like voltage is high on the 7/7/22 whilst powered time is not? Temperature is not high either so why is voltage so high? Must check raw data, otherwise Working as expected for past 100 days! (AWSA 9/7/2022)

Note: Charts take time to stabilise after a reset (Red Cell) event. (NB: Use Shift+F5 to refresh web display)

C:\Wells\Well-Master-vf1.xlsm

Graphical Trend A-05

09/07/2022

A Well System for Ongoing Maintenance (AWSOM)

Graphical Trends

Mike DeHaaff

Date-Slider Value = **0**

(NB: 0 = Today)

Well Name: Jim in UK

Internal Temperature (C)

Line Ref #	Arduino Number	Date & Time	Temp	NiMH Volts	PUMP-COUNT	Activity Litres / SMS	Work Day	Power Time	TBD	Reset Error
129	1002	9/7/22	36.82	5.39	30411	2733	102	1948		0
128	1002	8/7/22	42.19	5.38	29683	1306	101	1974		0
127	1002	7/7/22	35.85	5.82	29335	3450	100	1922		0
126	1002	6/7/22	30	5.43	28416	1562	99	1974		0
125	1002	5/7/22	32.92	5.44	28000	1363	98	1975		0
124	1002	4/7/22	35.85	5.45	27637	1156	97	1975		0
123	1002	3/7/22	35.85	5.45	27329	860	96	1986		0
122	1002	2/7/22	36.34	5.45	27100	2170	95	1963		0
121	1002	1/7/22	33.41	5.45	26522	893	94	1971		0
120	1002	30/6/22	26.9	5.47	26284	109	93	1981		0
119	1002	29/6/22	33.41	5.41	26255	413	92	1984		0
118	1002	28/6/22	33.41	5.41	26145	529	91	1990		0
117	1002	27/6/22	33.41	5.41	26004	469	90	1996		0
116	1002	26/6/22	33.41	5.41	25879	2560	89	1992		0
115	1002	25/6/22	31.95	5.46	25197	-10	88	1959		0

NiMH Battery Voltage (v)

1002

CALIBRATION STATION

Average time for the Person to fill a 20 ltr bucket.

Number of People Using the Well/Day	
Men	12
Women	123
Children	189
Total	324

If in doubt, please leave these figures.

Time the Person Uses the Well			Mins	Secs
Time for a Man to pump 20 Litres			1	22
Time for a Woman to pump 20 Litres			1	25
Time a Child pumps a bucket of 20 Litres			1	45
Calibration factor (Ltr/Time-Count):-			3.754	

If in doubt, please leave the figures as they are - thanks.