

SITE FIX WITH EXCEL

If you encounter problems getting a hole position using the SITEFIX program on the SUN, Microsoft Excel can be used as a back up.

1. Open the appropriate *.dat files created by WINFROG.
2. Text import wizard will step you through the file format conversion process.
 - file type = delimited; press next
 - delimiters = comma and space. If your hole is exactly on a degree line, then you will have to further delimit the degree field using the appropriate N,S,E,W in the “other” delimiter box; press next
 - Select the “time column” and change it to data format “Text”.
 - Press finish.
3. Delete the time/dates that don’t correspond to the pipe being in the hole.
4. Scroll to the bottom of the data. Under the latitude decimal minutes, enter the “average” function for the entire column (i.e. =average E1:E238). Copy the result and paste into the longitude decimal minute column (i.e. this in effect copies the formula into longitude).

			Latitude		Longitude			
2683	03/11/2001	22:57:48.6	N13	0.1833	47.0056	E146	0	1523998
2684	03/11/2001	22:58:48.6	N13	0.1845	47.0042	E146	0	1523995
2685	03/11/2001	22:59:48.6	N13	0.1847	47.0041	E146	0	1523995
2686	03/11/2001	23:00:48.6	N13	0.1861	47.0024	E146	0	1523992
2687	03/11/2001	23:01:48.6	N13	0.1864	47.0034	E146	0	1523994
2688	03/11/2001	23:02:48.6	N13	0.184	47.0045	E146	0	1523996
2689	03/11/2001	23:03:48.7	N13	0.1838	47.004	E146	0	1523995
2690	03/11/2001	23:04:48.7	N13	0.1841	47.0034	E146	0	1523994
2691	03/11/2001	23:05:48.7	N13	0.1843	47.0033	E146	0	1523994
2692	03/11/2001	23:06:48.7	N13	0.185	47.0037	E146	0	1523994
2693	03/11/2001	23:07:48.7	N13	0.1849	47.0041	E146	0	1523995
2694	03/11/2001	23:08:48.7	N13	0.1859	47.0045	E146	0	1523996
2695	03/11/2001	23:09:48.7	N13	0.1867	47.0045	E146	0	1523996
2696	03/11/2001	23:10:48.8	N13	0.1868	47.0043	E146	0	1523996
2697	03/11/2001	23:11:48.8	N13	0.1854	47.0064	E146	0	1523999
2698	03/11/2001	23:12:48.8	N13	0.1842	47.0074	E146	0	1524001
2699	03/11/2001	23:13:48.8	N13	0.1841	47.0061	E146	0	1523999
2700	03/11/2001	23:14:48.8	N13	0.1839	47.0054	E146	0	1523998
2701	03/11/2001	23:15:48.8	N13	0.1841	47.0058	E146	0	1523998
2702	03/11/2001	23:16:48.8	N13	0.183	47.0048	E146	0	1523997
2703	03/11/2001	23:17:48.8	N13	0.1827	47.0055	E146	0	1523998
2704	03/11/2001	23:18:48.8	N13	0.1829	47.0058	E146	0	1523998

2705	03/11/2001	23:19:48.8	N13	0.185	47.005	E146	0	1523997
2706	03/11/2001	23:20:48.8	N13	0.1854	47.0051	E146	0	1523997
2707	03/11/2001	23:21:48.8	N13	0.1843	47.0056	E146	0	1523998
2708	03/11/2001	23:22:48.8	N13	0.1839	47.0051	E146	0	1523997

average	0.184592308	47.0047692
stand dev	0.001130636	0.00111311

5. For all practical purposes, you now have a average position for the hole.
Write down the position along with the start and stop time you used.
6. Click on Chart wizard to verify the data.
7. You can use the stdev function to verify the data.
8. Save the file using “save as” and label it “Hole####.xls”
9. Enter the position in Winfrog as a waypoint.

If you want to get a plot for all holes at one site, enter the results for the Final hole fixes obtained with SUN Sitefix and make a plot, setting up the plot up as follows:

Hole	Longitude	Latitude
1200A	E146 0.1854	47.0053 N13
1200B	E146 0.1981	47.0039 N13
1200C	E146 0.1717	47.0724 N13
1200D	E146 0.1715	47.0443 N13
1200E	E146 0.1858	47.0014 N13
1200F	E146 0.1860	47.0154 N13

