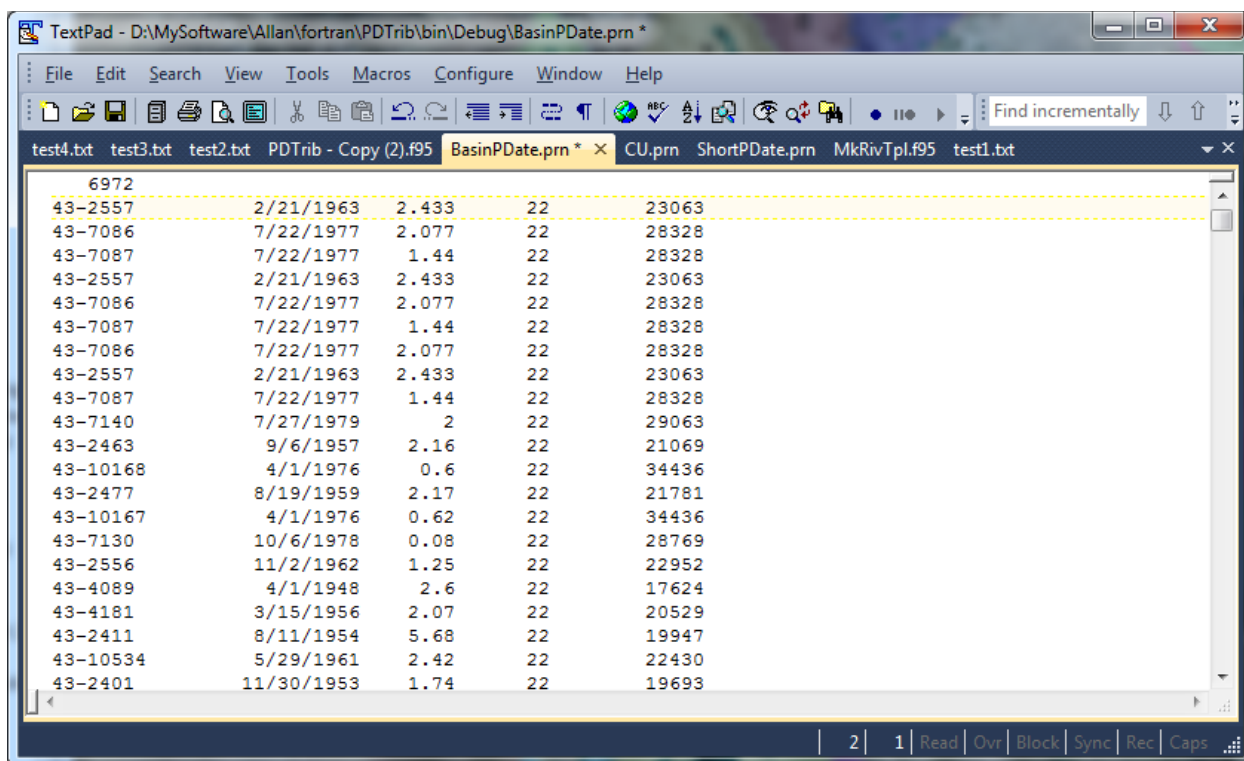


PDTRIB was compiled by Allan Wylie in 2016. The following documentation was written by Allan Wylie. The input files (POD and consumptive use) have been updated from the examples shown in this documentation.

PDTRIB calculates the impact of curtailing groundwater rights in basins tributary to the ESPA. Two input files are required. A POD file listing number of PODs in the file on line 1, the water right number, priority date, irrigation cfs, basin number (does not need to be a formal basin number), and EXCEL serial date for the priority date (days since 1/0/1900 to the priority date is an EXCEL serial date) on line 2 through the number of PODs. The following Figure illustrates the format.



Basin ID	Priority Date	Irrigation CFS	Basin Number	EXCEL Serial Date
43-2557	2/21/1963	2.433	22	23063
43-7086	7/22/1977	2.077	22	28328
43-7087	7/22/1977	1.44	22	28328
43-2557	2/21/1963	2.433	22	23063
43-7086	7/22/1977	2.077	22	28328
43-7087	7/22/1977	1.44	22	28328
43-7086	7/22/1977	2.077	22	28328
43-2557	2/21/1963	2.433	22	23063
43-7087	7/22/1977	1.44	22	28328
43-7140	7/27/1979	2	22	29063
43-2463	9/6/1957	2.16	22	21069
43-10168	4/1/1976	0.6	22	34436
43-2477	8/19/1959	2.17	22	21781
43-10167	4/1/1976	0.62	22	34436
43-7130	10/6/1978	0.08	22	28769
43-2556	11/2/1962	1.25	22	22952
43-4089	4/1/1948	2.6	22	17624
43-4181	3/15/1956	2.07	22	20529
43-2411	8/11/1954	5.68	22	19947
43-10534	5/29/1961	2.42	22	22430
43-2401	11/30/1953	1.74	22	19693

The second file is the consumptive use file. The first line contains the number of basins represented in the file, the second line contains basin number (must correspond to the basin number in the POD file), basin name, groundwater irrigated acres in the basin, and consumptive use per acre per year for that basin.

The basins need to be numbered sequentially beginning with number 1. The following Figure shows the proper format.

Line	Crop	Value	Priority
1	Clover	102.0285	3
2	Thorn	0	3
3	Wood	23555.543	2.5
4	SilverCr	12763.663	2.5
5	Lwood	2664.624	2.5
6	BigLost	3268.1295	2.5
7	LLost	4964.6555	2.5
8	Birch	170.1935	2.5
9	MedLodge	1253.808	2.5
10	Beaver	1005.2645	2.5
11	Camas	0	2
12	HenryF	34910.135	2
13	Teton	46066.6845	2.5
14	RexBench	1227.1985	2.5
15	Palisade	975.118	2.5
16	Willow	292.059	2.5
17	Blackfoot	1135.8605	2.5
18	LincRoss	0	3
19	Portneuf	25997.1435	2.5
20	AmFalls	38931.624	3
21	Rockland	5443.721	3

PDTRIB asks for a POD File, a Consumptive use file, and a priority date, it then calculates the benefit of curtailing to the nominated priority date based on the acres and consumptive use contained in the Consumptive use file and the priority dates and permitted irrigation cfs in the POD File.