Percentile	Value	Number.Floods	intensity, the ones with the longest duration.												
50	136.00	592													
51	139.00	590	Percentile : 97												
52	143.00	582													
53	147.00	584													
54	151.00	586	-							10 (1115/5)					
55	156.00	588	_					Num	her of vear	s of recor	$24\cdot88$				
56	160.00	595													
57	165.00	603	1					Init	ial number	offloode	. 125				
58	170.00	581													
59	175.00	587	Number of retained events · 116												
60	180.00	594	Inumber of retained events : 110												
61	185.00	597	Now avanage pumber of avants non vegen 1.20												
62	190.00	592	New average number of events per year: 1.32												
63	196.00	598													
64	203.00	597					Rise	e Fall	Flood Max	Intensity	Date Flood Max	Volume	T.Bet.FL		
05	210.00	602		Date Start	Date End	D									
60	217.00	594	-	Date Start	Date Enu										
67	225.00	587													
68	232.00	590	-												
69	240.00	595	1 1	1927 04 21	1027-04-25	5	2.5	1.5	1880	440	1927-04-24	1440	0		
/0	248.00	<u>602</u>	-	1727-04-21	1727-04-23								Ň		
/1	257.00	500													
72	200.00	579	2	1927-11-19	1927-11-20	2	0.5	1.5	1670	230	1927-11-19	420	208		
73	275.00	562	્ય	1928-05-04	1928-05-16	13	4.5	8.5	2550	1110	1928.05.08	0099	166		
74	280.00	552		1728-05-04	1720-05-10	1	7.2	0.5	2.5.50	1110	1720-03-00	0020	100		
75	295.75	542	4	1928-05-25	1928-06-01	8	1.5	6.5	2020	580	1928-05-26	3340	9		
77	317.00	530	-	1000.05.04	1000 05 15	10	2.5	0.5	2210	270	1000 05 07	5120			
78	334.00	506	2	1929-03-04	1929-00-10	12	2.5	9.5	2210	770	1929-03-06	5120	2		
70	348.00	491			_								_		
80	365.00	471		-											
81	384.00	450	- 1	· ·	-								-		
82	402.00	429													
83	425.00	414	· ·	•	-								•		
84	450.00	395	112	2012-03-22	2012-03-26	5	1.5	3.5	2520	1080	2012-03-23	2910	197		
85	476.00	386	112	2012 04 26	2012 04 29	- 2	0.5	2.5	1540	100	2012 04 26	220	21		
86	504.00	361	115	2012-04-26	2012-04-28	2	0.5	2.5	1360	120	2012-04-26	250	51		
87	535.00	352	114	2013-04-21	2013-04-23	3	0.5	2.5	1930	490	2013-04-21	1110	358		
88	566.00	324													
89	612.00	311	115	2013-05-27	2013-05-27	1	0.5	0.5	1540	100	2013-05-27	100	30		
90	654.00	297	116	2014-04-17	2014-04-21	5	1.5	3.5	2340	900	2014-04-18	1830	325		
91	708.00	273		2014-04-17	2014-04-21				2.540	200	2011-01-10	1050	525		
92	779.00	241													
93	864.00	213													
94	971.00	190	1												
95	1080,00	176													
96	1230,00	156]												
97	1440,00	135]	Tahla 1	RFARR	A NIC	ТЕЛТ	NT (Ε ΤΗΕ ΤΔ	RI F FI (ODS - EII TEI	2FD. Int	he		
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EXTRACTING PEAKS OVER THRESHOLD (POT) DATA FROM DAILY DISCHARGE RECORDS AND PRESENTING THEM IN AN INFORMATIVE MANNER

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Abstract

We suggest methods of extracting POT data from daily discharge records and presenting them in an informative manner; additional work is being done on how to make goodness-of-fit tests for distributions such as the generalized Pareto, and how to construct confidence intervals for flood quantiles calculated by the POT approach.

Table 1. PERCENTILE: This table gives the values of the percentiles of the daily flows (from the 50th to the 99th), in m3/s with the corresponding number of floods exceeding each percentile.

 Table 2. FLOODS PERCENTILE (The average number of floods per year has been fixed at 1.5)

The percentile chosen is the maximum one for which the corresponding number of floods still averages 1.5 events or more per year of data.

Percentile : 97 Value : 1440 (m3/s) Number of years of record : 88 Number of floods : 135 Average number of events per year : 1.53

Date Start	Date End	D	Rise	Fall	Flood Max	Intensity	Date Flood Max	Volume	T.Bet.FL
1927-04-21	1927-04-25	5	3.5	1.5	1880	440	1927-04-24	1440	0
1927-11-19	1927-11-20	2	0.5	1.5	1670	230	1927-11-19	420	208
1928-05-04	1928-05-16	13	4.5	8.5	2550	1110	1928-05-08	8890	166
1928-05-25	1928-06-01	8	1.5	6.5	2020	580	1928-05-26	3340	9
1929-04-30	1929-05-02	3	1.5	1.5	1850	410	1929-05-01	930	333
	-								-
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	-								-
2013-04-21	2013-04-23	3	0.5	2.5	1930	490	2013-04-21	1110	358
2013-04-26	2013-04-27	2	0.5	1.5	1570	130	2013-04-26	190	3
2013-05-27	2013-05-27	1	0.5	0.5	1540	100	2013-05-27	100	30
2014-04-17	2014-04-21	5	1.5	3.5	2340	900	2014-04-18	1830	325
2014-04-23	2014-05-08	16	10.5	5.5	2050	610	2014-05-03	4550	2



Percentile

Table 3. FLOODS – FILTERED: In this table we deleted all events separated by 6 or less days, keeping the ones with the highest intensity, or in case of same

Tomowing table we arrange the table according to the day of occurrence of the mood during the year (i.e., according to the column: date.max).

	Date Start	Date End	D	Rise	Fall	Flood Max	Intensity	Volume	Date Flood Max
114	1936-03-21	1936-03-26	6	2.5	3.5	2280	840	3350	83
112	2012-03-22	2012-03-26	5	1.5	3.5	2520	1080	2910	83
66	1979-03-28	1979-03-29	2	0.5	1.5	1560	120	230	87
37	1953-04-01	1953-04-07	7	1.5	5.5	1980	540	2390	92
79	1987-04-01	1987-04-09	9	1.5	7.5	3090	1650	5200	92
-		-							
-		-							
_		-							
72	1981-09-26	1981-09-26	1	0.5	0.5	1630	190	190	269
101	2005-10-17	2005-10-19	3	1.5	1.5	1960	520	990	291
103	2006-10-22	2006-10-23	2	0.5	1.5	1570	130	180	295
48	1963-11-10	1963-11-11	2	0.5	1.5	1690	250	350	314
2	1927-11-19	1927-11-20	2	0.5	1.5	1670	230	420	323

Work in progress:

- 1) Applying goodness-of-fit tests for the generalized Pareto distribution (GPD) used to model flood intensities
- 2) Construction of confidence intervals for flood quantiles calculated by the POT approach using a GPD.

