



Supplement of

Applicability of Landsat 8 thermal infrared sensor for identifying submarine groundwater discharge springs in the Mediterranean Sea basin

Sònia Jou-Claus et al.

Correspondence to: Sònia Jou-Claus (soniajouclaus@gmail.com)

The copyright of individual parts of the supplement might differ from the article licence.

Supplementary material 1

Country	ID/Name		Flow rate (m ³ s ⁻¹)	Depth (m)	Distance (m)	Type	Literature
Spain	1	Maro-Cerro Gordo	0.031	15-20	0 (on the cliff side)	ND	Backalowicz, 2018
	2	Moraig	0.3-9.0	-12	0 (on the cliff side)	2	Fleury et al., 2007
	3	Toix	ND	-8	Seashore	2	Fleury et al., 2007
	4	Agua dulce	ND	Coastal and submarine	ND	ND	Backalowicz, 2018
	5	Almirante Gallinera	ND	ND	ND	ND	Backalowicz, 2018
	6	Alfaro-Mediodia	65 and 84 hm ³ /y	ND	ND	ND	Backalowicz, 2018
	7	Torre Badum	2	0	<10	ND	Mejías et al., 2012
	8	La Fuentes	0.03-0.17	ND	<10	ND	Mejías et al., 2012
	9	Font de Dins	1.1-0.4	ND	<10	ND	Mejías et al., 2012
	10	La Falconera	0.1	ND	0	ND	Backalowicz, 2018
	11	Alcaufar	ND	ND	ND	ND	Garcia-Solsona et al., 2010
	12	Migjorn-El Pla	1	ND	ND	ND	Basterretxea et al., 2010
	13	Llevant	0.009	ND	ND	ND	Basterretxea et al., 2010
	14	Font des Verger	0.01-1	ND	ND	ND	Basterretxea et al., 2010
	15	Ses Ufanés	20-30	ND	ND	ND	Basterretxea et al., 2010
France	16	Fitou	0.1	ND	ND	2	Bejannin et al., 2017
	17	Laucate	ND	ND	ND	2	Bejannin et al., 2017
	18	Fontdame-Fontestramar	1-15	4	100	2	Fleury et al., 2007
	19	Vise	>0.1	-30	ND	3	Bejannin et al., 2017
	20	Port-Miou	0.5-0.7	-12	ND	2	Fleury et al., 2007
	21	Bestoua	ND	ND	ND	2	Fleury et al., 2007
Italy	22	Mortola	0.2	-36	800	1	Fleury et al., 2007
	23	Bue Marino Cave (Sardinia)	ND	ND	ND	ND	Backalowicz, 2018
	24	Taranto	ND	-19	ND	ND	Fleury et al., 2007
	25	Cefalú	ND	ND	ND	ND	Backalowicz, 2018
	26	Castellamare	ND	ND	ND	ND	Backalowicz, 2018
	27	Donnalucata	0.004-0.012	ND	Onshore and offshore	1	Burnett&Dulaiova 2006
	28	Pozzalo	ND	ND	ND	ND	Backalowicz, 2018
Croatia	29	South Istria	0.024	ND	ND	ND	Backalowicz, 2018
	30	Martinscica	0.4	ND	ND	ND	Backalowicz, 2018
	31	Perilo	ND	ND	ND	ND	Backalowicz, 2018
	32	Novijanska	>0.4	ND	ND	ND	Backalowicz, 2018
	33	Jurjevska	50-0.6	ND	ND	ND	Backalowicz, 2018

	34	Patan	0.5-10	2.7	500	ND	Backalowicz, 2018
	35	Slano	ND	ND	ND	ND	Backalowicz, 2018
	36	Robinzon	2	ND	ND	ND	Backalowicz, 2018
Grece	37	Cephalonia	1-10	0	Seashore	2	Fleury et al., 2007
	38	Kiveri-Anavalos	9-11	0 to -7	0 to few m	3	Fleury et al., 2007
	39	E.argolis	ND	ND	ND	ND	Backalowicz, 2018
	40	Parnon	ND	ND	ND	ND	Backalowicz, 2018
	41	Almiros of Iraklio	2-30	3	1000	2	Fleury et al., 2007
	42	Agios Nikolaos	>2.3	4-7	0.5	2	Fleury et al., 2007
Turkey	43	Gokova-1	0.02-0.10	0	Seashore	1	Bayari&Kurttas., 2015
	44	Gokova-2	ND	0	Seashore	1	Bayari&Kurttas., 2015
	45	Gokova-3	ND	0	Seashore	1	Bayari&Kurttas., 2015
	46	Antalya-1	ND	ND	ND	ND	Backalowicz, 2018
	47	Antalya-2	ND	ND	ND	ND	Backalowicz, 2018
	48	Antalya-3	ND	ND	ND	ND	Backalowicz, 2018
	49	Lefke (Chipre)	ND	ND	ND	ND	Backalowicz, 2018
	50	Ovacik	0.74	-1.5 to -3	2 m	1	Elhatip, 2003
Syria	51	Latakia					Backalowicz, 2018
Lebanon	52	Chekka	60	-10 to -150	100m-1km	2	Fleury et al., 2007
Israel	53	Dor	4.05*10 ⁻¹¹	ND	ND	ND	Weinstein et al., 2011
Libya	54	Ain Zayanah	1-5	0-1	Seashore	2	Fleury et al., 2007

Supplementary material 2

Site	ID	Date	Time	Path	Row	Scene cloud %
1	LC08_L1TP_200035_20181231_20190130_01_T1	31/12/18	10:50	200	35	4.91
	LC08_L1TP_200035_20181215_20181227_01_T1	15/12/18	10:50	200	35	0.23
	LC08_L1TP_200035_20181012_20181030_01_T1	12/10/18	10:50	200	35	0.02
	LC08_L1TP_200035_20180926_20181009_01_T1	26/9/18	10:50	200	35	10.02
	LC08_L1TP_200035_20180825_20180829_01_T1	25/8/18	10:50	200	35	9.44
	LC08_L1TP_200035_20180809_20180815_01_T1	9/8/18	10:50	200	35	0.54
	LC08_L1TP_200035_20180708_20180717_01_T1	8/7/18	10:50	200	35	14.06
	LC08_L1TP_200035_20180622_20180703_01_T1	22/6/18	10:50	200	35	23.21
	LC08_L1TP_200035_20180419_20180501_01_T1	19/4/18	10:50	200	35	14.13
	LC08_L1TP_200035_20180403_20180417_01_T1	3/4/18	10:50	200	35	5.02
	LC08_L1TP_200035_20171212_20171223_01_T1	12/12/17	10:50	200	35	4.01
	LC08_L1TP_200035_20171110_20171121_01_T1	10/11/17	10:50	200	35	14.10
	LC08_L1TP_200035_20171025_20171107_01_T1	25/10/17	10:50	200	35	10.81
	LC08_L1TP_200035_20170923_20171013_01_T1	23/9/17	10:50	200	35	42.87
	LC08_L1TP_200035_20170822_20170911_01_T1	22/8/17	10:50	200	35	3.56
	LC08_L1TP_200035_20170721_20170728_01_T1	21/7/17	10:50	200	35	0.07
	LC08_L1TP_200035_20170518_20170525_01_T1	18/5/17	10:50	200	35	1.92
	LC08_L1TP_200035_20170331_20170414_01_T1	31/3/17	10:50	200	35	11.58
	LC08_L1TP_200035_20170315_20170328_01_T1	15/3/17	10:50	200	35	57.47
	2,3,4,5,6	LC08_L1TP_198033_20181217_20181227_01_T1	17/12/18	10:37	198	33
LC08_L1TP_198033_20181201_20181211_01_T1		1/12/18	10:37	198	33	34,05
LC08_L1TP_198033_20180928_20181009_01_T1		28/10/18	10:37	198	33	6,42
LC08_L1TP_198033_20180827_20180911_01_T1		27/9/18	10:37	198	33	6,18
LC08_L1TP_198033_20180726_20180731_01_T1		26/7/18	10:37	198	33	1,52
LC08_L1TP_198033_20180710_20180717_01_T1		10/7/18	10:37	198	33	1,15
LC08_L1TP_198033_20180624_20180704_01_T1		24/6/18	10:37	198	33	6,18
LC08_L1TP_198033_20180405_20180417_01_T1		5/4/18	10:37	198	33	0,2
LC08_L1TP_198033_20180131_20180207_01_T1		31/1/18	10:37	198	33	5,35
LC08_L1TP_198033_20171230_20180103_01_T1		30/12/17	10:37	198	33	0,7
LC08_L1TP_198033_20171112_20171121_01_T1		12/11/17	10:37	198	33	0,14
LC08_L1TP_198033_20171027_20171107_01_T1		27/10/17	10:37	198	33	0,07
LC08_L1TP_198033_20171011_20171024_01_T1		11/10/17	10:37	198	33	6,68
LC08_L1TP_198033_20170925_20171013_01_T1		25/9/17	10:37	198	33	0,31
LC08_L1TP_198033_20170824_20170913_01_T1		24/8/17	10:37	198	33	3,99
LC08_L1TP_198033_20170621_20170630_01_T1		21/6/17	10:37	198	33	5,76
LC08_L1TP_198033_20170520_20170525_01_T1		20/5/17	10:37	198	33	0,28
LC08_L1TP_198033_20170504_20170515_01_T1		4/5/17	10:37	198	33	8,82
LC08_L1TP_198033_20170402_20170414_01_T1		2/4/17	10:37	198	33	0,09
LC08_L1TP_198033_20170301_20170316_01_T1		1/3/17	10:37	198	33	2,78

	LC08_L1TP_198033_20170112_20170311_01_T1	12/1/17	10:37	198	33	1,13
7,8,9	LC08_L1TP_198032_20180928_20181009_01_T1	28/9/18	10:36	198	32	0,42
	LC08_L1TP_198032_20180726_20180731_01_T1	26/7/18	10:36	198	32	0,28
	LC08_L1TP_198032_20180710_20180717_01_T1	10/7/18	10:36	198	32	2,36
	LC08_L1TP_198032_20180624_20180704_01_T1	24/6/18	10:36	198	32	19,94
	LC08_L1TP_198032_20180421_20180502_01_T1	21/4/18	10:36	198	32	16,3
	LC08_L1TP_198032_20180405_20180417_01_T1	5/4/18	10:36	198	32	0,07
	LC08_L1TP_198032_20180131_20180207_01_T1	31/1/18	10:36	198	32	8,41
	LC08_L1TP_198032_20180115_20180120_01_T1	15/1/18	10:36	198	32	10,19
	LC08_L1TP_198032_20171230_20180103_01_T1	30/12/17	10:36	198	32	14,49
	LC08_L1TP_198032_20171128_20171207_01_T1	28/11/17	10:36	198	32	0,81
	LC08_L1TP_198032_20171112_20171121_01_T1	12/11/17	10:36	198	32	0,75
	LC08_L1TP_198032_20171027_20171107_01_T1	27/10/17	10:36	198	32	0,27
	LC08_L1TP_198032_20170925_20171013_01_T1	25/9/17	10:36	198	32	11,41
	LC08_L1TP_198032_20170824_20170913_01_T1	24/8/17	10:36	198	32	3,36
	LC08_L1TP_198032_20170808_20170823_01_T1	8/8/17	10:36	198	32	24,18
	LC08_L1TP_198032_20170621_20170630_01_T1	21/6/17	10:36	198	32	0,27
	LC08_L1TP_198032_20170520_20170525_01_T1	20/5/17	10:36	198	32	3,16
	LC08_L1TP_198032_20170504_20170515_01_T1	4/5/17	10:36	198	32	9,31
	LC08_L1TP_198032_20170418_20170501_01_T1	18/4/17	10:36	198	32	4,92
	LC08_L1TP_198032_20170402_20170414_01_T1	2/4/17	10:36	198	32	7,42
LC08_L1TP_198032_20170317_20170328_01_T1	17/3/17	10:36	198	32	0,13	
LC08_L1TP_198032_20170301_20170316_01_T1	1/3/17	10:36	198	32	0,03	
LC08_L1TP_198032_20170112_20170311_01_T1	12/1/17	10:36	198	32	4,83	
10	LC08_L1TP_197031_20181124_20181210_01_T1	24/11/18	10:30	197	31	8,24
	LC08_L1TP_197031_20181023_20181031_01_T1	23/10/18	10:30	197	31	2,27
	LC08_L1TP_197031_20180921_20180928_01_T1	21/9/18	10:30	197	31	5,19
	LC08_L1TP_197031_20180820_20180829_01_T1	20/8/18	10:30	197	31	0,4
	LC08_L1TP_197031_20180804_20180814_01_T1	4/8/18	10:30	197	31	11,54
	LC08_L1TP_197031_20180719_20180731_01_T1	19/7/18	10:30	197	31	1,32
	LC08_L1TP_197031_20180703_20180717_01_T1	3/7/18	10:30	197	31	10,04
	LC08_L1TP_197031_20180601_20180614_01_T1	1/6/18	10:30	197	31	17,96
	LC08_L1TP_197031_20180430_20180516_01_T1	30/4/18	10:30	197	31	21,24
	LC08_L1TP_197031_20180209_20180222_01_T1	9/2/18	10:30	197	31	2,4
	LC08_L1TP_197031_20180124_20180206_01_T1	24/1/18	10:30	197	31	0,91
	LC08_L1TP_197031_20171223_20180103_01_T1	23/12/17	10:30	197	31	6,88
	LC08_L1TP_197031_20171121_20171206_01_T1	21/11/17	10:30	197	31	0,54
	LC08_L1TP_197031_20170902_20170916_01_T1	2/9/17	10:30	197	31	11,32
	LC08_L1TP_197031_20170817_20170826_01_T1	17/8/17	10:30	197	31	0,22
	LC08_L1TP_197031_20170716_20170727_01_T1	16/7/17	10:30	197	31	4,06
	LC08_L1TP_197031_20170630_20170715_01_T1	30/6/17	10:30	197	31	16,01
	LC08_L1TP_197031_20170614_20170628_01_T1	14/6/17	10:30	197	31	0,66

	LC08_L1TP_197031_20170411_20170415_01_T1	11/4/17	10:30	197	31	1,23
	LC08_L1TP_197031_20170326_20170329_01_T1	26/3/17	10:30	197	31	10,26
	LC08_L1TP_197031_20170310_20170317_01_T1	10/3/17	10:30	197	31	0,36
	LC08_L1TP_197031_20170222_20170301_01_T1	22/2/17	10:30	197	31	0,45
	LC08_L1TP_197031_20170206_20170216_01_T1	6/2/17	10:30	197	31	6,31
	LC08_L1TP_197031_20170105_20170312_01_T1	5/1/17	10:30	197	31	6,15
11	LC08_L1TP_196032_20180930_20181010_01_T1	30/9/18	10:24	196	32	1,85
	LC08_L1TP_196032_20180626_20180704_01_T1	26/6/18	10:24	196	32	10,86
	LC08_L1TP_196032_20180423_20180502_01_T1	23/4/18	10:24	196	32	15,19
	LC08_L1TP_196032_20171029_20171109_01_T1	29/10/17	10:24	196	32	1,12
	LC08_L1TP_196032_20170911_20170927_01_T1	11/9/17	10:24	196	32	0,75
	LC08_L1TP_196032_20170404_20170414_01_T1	4/4/17	10:24	196	32	0,27
	LC08_L1TP_196032_20170319_20170328_01_T1	19/3/17	10:24	196	32	0,17
16,17,18,19	LC08_L1TP_197030_20181124_20181210_01_T1	24/11/18	10:29	197	30	7,9
	LC08_L1TP_197030_20181023_20181031_01_T1	23/10/18	10:29	197	30	0,03
	LC08_L1TP_197030_20180820_20180829_01_T1	20/8/18	10:29	197	30	0,88
	LC08_L1TP_197030_20180719_20180731_01_T1	19/7/18	10:29	197	30	0,31
	LC08_L1TP_197030_20171121_20171206_01_T1	21/11/17	10:29	197	30	1
	LC08_L1TP_197030_20171004_20171014_01_T1	4/10/17	10:29	197	30	2,83
	LC08_L1TP_197030_20170817_20170826_01_T1	17/8/17	10:29	197	30	0,66
	LC08_L1TP_197030_20170310_20170317_01_T1	10/3/17	10:29	197	30	0,17
20,21,22	LC08_L1TP_196030_20180914_20180928_01_T1	14/9/18	10:23	196	30	0,73
	LC08_L1TP_195030_20180907_20180912_01_T1	7/9/18	10:17	195	30	3,99
	LC08_L1TP_195030_20180806_20180815_01_T1	6/8/18	10:17	195	30	2,12
	LC08_L1TP_195030_20180721_20180731_01_T1	21/7/18	10:17	195	30	4,06
	LC08_L1TP_195030_20180619_20180703_01_T1	19/6/18	10:17	195	30	2,16
	LC08_L1TP_196030_20180525_20180605_01_T1	25/5/18	10:23	196	30	3,52
	LC08_L1TP_195030_20180211_20180222_01_T1	11/2/18	10:17	195	30	3,96
	LC08_L1TP_196030_20171114_20171122_01_T1	14/11/17	10:23	196	30	1,19
	LC08_L1TP_195030_20171022_20171107_01_T1	22/10/17	10:17	195	30	1,05
	LC08_L1TP_196030_20170927_20171013_01_T1	27/9/17	10:23	196	30	0,78
	LC08_L1TP_195030_20170920_20170930_01_T1	20/9/17	10:17	195	30	0,04
	LC08_L1TP_195030_20170904_20170916_01_T1	4/9/17	10:17	195	30	4,12
	LC08_L1TP_195030_20170718_20170727_01_T1	18/7/17	10:17	195	30	3,18
	LC08_L1TP_195030_20170702_20170715_01_T1	2/7/17	10:17	195	30	0,39
	LC08_L1TP_196030_20170607_20170616_01_T1	7/6/17	10:23	196	30	0,34
	LC08_L1TP_195030_20170429_20170515_01_T1	29/4/17	10:17	195	30	2,45
	LC08_L1TP_196030_20170420_20170501_01_T1	20/4/17	10:23	196	30	0,08
LC08_L1TP_195030_20170413_20170501_01_T1	13/4/17	10:17	195	30	1,81	
LC08_L1TP_196030_20170404_20170414_01_T1	4/4/17	10:23	196	30	0,41	
LC08_L1TP_195030_20170328_20170414_01_T1	28/3/17	10:17	195	30	0,76	
23	LC08_L1TP_192032_20181223_20190129_01_T1	23/12/18	9:59	192	32	6,47

	LC08_L1TP_192032_20181121_20181129_01_T2	21/11/18	9:59	192	32	29.83
	LC08_L1TP_192032_20180817_20180829_01_T1	17/8/18	9:59	192	32	2.46
	LC08_L1TP_192032_20180630_20180716_01_T1	30/6/18	9:59	192	32	0.7
	LC08_L1TP_192032_20180105_20180118_01_T1	5/1/18	9:59	192	32	14.46
	LC08_L1TP_192032_20171017_20171024_01_T1	17/10/17	9:59	192	32	0.79
	LC08_L1TP_192032_20170830_20170914_01_T1	30/8/17	9:59	192	32	0.01
	LC08_L1TP_192032_20170729_20170811_01_T1	29/7/17	9:59	192	32	0.40
	LC08_L1TP_192032_20170627_20170714_01_T1	27/6/17	9:59	192	32	0.03
	LC08_L1TP_192032_20170408_20180523_01_T1	8/4/17	9:59	192	32	0
	LC08_L1TP_192032_20170219_20180527_01_T1	19/2/17	9:59	192	32	6.49
24	LC08_L1TP_188032_20181227_20190129_01_T1	27/12/18	9.34	188	32	0.59
	LC08_L1TP_188032_20181109_20181116_01_T1	9/11/18	9.34	188	32	1.02
	LC08_L1TP_188032_20180906_20180912_01_T1	6/9/18	9.34	188	32	0
	LC08_L1TP_188032_20180805_20180814_01_T1	5/8/18	9.34	188	32	8.21
	LC08_L1TP_188032_20180125_20180206_01_T1	25/1/18	9.34	188	32	1.10
	LC08_L1TP_188032_20171224_20180103_01_T1	24/12/17	9.34	188	32	0.86
	LC08_L1TP_188032_20170818_20170826_01_T1	8/8/17	9.34	188	32	0.17
	LC08_L1TP_188032_20170412_20180527_01_T1	12/4/17	9.34	188	32	5.32
	LC08_L1TP_188032_20170223_20170301_01_T1	23/2/17	9.34	188	32	29.05
25,26,27,28	LC08_L1TP_189034_20180929_20181009_01_T1	29/9/18	9:41	189	34	1.50
	LC08_L1TP_189034_20180812_20180815_01_T1	12/8/18	9:41	189	34	6.32
	LC08_L1TP_189034_20180727_20180731_01_T1	27/7/18	9:41	189	34	4.69
	LC08_L1TP_189034_20180609_20180615_01_T1	9/6/18	9:41	189	34	5.33
	LC08_L1TP_189034_20180524_20180605_01_T1	24/5/18	9:41	189	34	3.62
	LC08_L1TP_189034_20180406_20180417_01_T1	6/4/18	9:41	189	34	0.54
	LC08_L1TP_189034_20171215_20171224_01_T1	15/12/17	9:41	189	34	2.97
	LC08_L1TP_189034_20171012_20171024_01_T1	12/10/17	9:41	189	34	5.61
	LC08_L1TP_189034_20170825_20180527_01_T1	25/8/17	9:41	189	34	0
	LC08_L1TP_189034_20170622_20170630_01_T1	22/6/17	9:41	189	34	3.21
	LC08_L1TP_189034_20170318_20170328_01_T1	18/3/17	9:41	189	34	0
12,13,14,15	LC08_L1TP_197032_20181023_20181031_01_T1	23/10/18	10:30	197	32	2,22
	LC08_L1TP_196033_20180930_20181010_01_T1	30/9/18	10:24	196	33	1,46
	LC08_L1TP_197032_20180921_20180928_01_T1	21/9/18	10:30	197	32	1,16
	LC08_L1TP_196033_20180829_20180911_01_T1	29/8/18	10:24	196	33	5,45
	LC08_L1TP_197032_20180820_20180829_01_T1	20/8/18	10:30	197	32	0,33
	LC08_L1TP_197032_20180804_20180814_01_T1	4/8/18	10:30	197	32	9,79
	LC08_L1TP_196033_20180728_20180731_01_T1	28/7/18	10:24	196	33	7,18
	LC08_L1TP_197032_20180719_20180731_01_T1	19/7/18	10:30	197	32	0,91
	LC08_L1TP_196033_20180712_20180717_01_T1	12/7/18	10:24	196	33	1,99
	LC08_L1TP_197032_20180703_20180717_01_T1	3/7/18	10:30	197	32	5,07
	LC08_L1TP_197032_20180617_20180703_01_T1	17/6/18	10:30	197	32	15,65
	LC08_L1TP_197032_20180601_20180614_01_T1	1/6/18	10:30	197	32	4,68

	LC08_L1TP_197032_20180516_20180604_01_T1	16/5/18	10:30	197	32	15,06
	LC08_L1TP_197032_20180124_20180206_01_T1	24/1/18	10:30	197	32	1,48
	LC08_L1TP_196033_20180117_20180205_01_T1	17/1/18	10:24	196	33	0,82
	LC08_L1TP_196033_20180101_20180104_01_T1	1/1/18	10:24	196	33	4,8
	LC08_L1TP_197032_20171121_20171206_01_T1	21/11/17	10:24	196	33	3,73
	LC08_L1TP_196033_20171029_20171109_01_T1	29/10/17	10:30	197	32	11,37
	LC08_L1TP_197032_20171020_20171106_01_T1	20/10/17	10:24	196	33	17,55
	LC08_L1TP_196033_20171013_20171024_01_T1	13/10/17	10:30	197	32	3,32
	LC08_L1TP_197032_20171004_20171014_01_T1	4/10/17	10:24	196	33	9,81
	LC08_L1TP_196033_20170927_20171013_01_T1	27/9/17	10:30	197	32	2,71
	LC08_L1TP_196033_20170911_20170927_01_T1	11/9/17	10:30	197	32	0,88
	LC08_L1TP_197032_20170817_20170826_01_T1	17/8/17	10:24	196	33	0,05
	LC08_L1TP_197032_20170716_20170727_01_T1	16/7/17	10:24	196	33	9,07
	LC08_L1TP_190029_20181022_20181031_01_T1	22/10/18	9:46	190	29	26,52
	LC08_L1TP_190029_20180819_20180829_01_T1	19/8/18	9:46	190	29	2,98
	LC08_L1TP_190029_20180718_20180731_01_T1	18/7/18	9:46	190	29	7,78
	LC08_L1TP_190029_20180531_20180614_01_T1	31/5/18	9:46	190	29	13,72
	LC08_L1TP_190029_20180429_20180502_01_T1	29/4/18	9:46	190	29	3,21
	LC08_L1TP_190029_20180328_20180405_01_T1	28/3/18	9:46	190	29	11,75
	LC08_L1TP_190029_20180123_20180206_01_T1	23/1/18	9:46	190	29	9,98
	LC08_L1TP_190029_20171222_20180103_01_T1	22/12/17	9:46	190	29	3,06
	LC08_L1TP_190029_20171120_20171206_01_T1	20/11/17	9:46	190	29	4,23
29,30,31,32,33	LC08_L1TP_190029_20171104_20171109_01_T1	4/11/17	9:46	190	29	22,97
	LC08_L1TP_190029_20171019_20171025_01_T1	19/10/17	9:46	190	29	7,73
	LC08_L1TP_190029_20170816_20170825_01_T1	16/8/17	9:46	190	29	1,8
	LC08_L1TP_190029_20170731_20170811_01_T1	31/7/17	9:46	190	29	0,44
	LC08_L1TP_190029_20170613_20170628_01_T1	13/6/17	9:46	190	29	2,71
	LC08_L1TP_190029_20170528_20170615_01_T1	28/5/17	9:46	190	29	4,29
	LC08_L1TP_190029_20170410_20170414_01_T1	10/4/17	9:46	190	29	0,19
	LC08_L1TP_190029_20170325_20180523_01_T1	25/3/17	9:46	190	29	7,35
	LC08_L1TP_190029_20170309_20170317_01_T1	9/3/17	9:46	190	29	2,3
	LC08_L1TP_190029_20170120_20170311_01_T1	20/1/17	9:46	190	29	31,89
	LC08_L1TP_187030_20180830_20180911_01_T1	30/8/18	9:27	187	30	4,33
	LC08_L1TP_187031_20180830_20180911_01_T1	30/8/18	9:28	187	31	1,69
	LC08_L1TP_187030_20180713_20180717_01_T1	13/7/18	9:27	187	30	25,21
	LC08_L1TP_187030_20180526_20180605_01_T1	26/5/18	9:27	187	30	15,92
	LC08_L1TP_187031_20180526_20180605_01_T1	26/5/18	9:28	187	31	0,28
	LC08_L1TP_187030_20180424_20180502_01_T1	24/4/18	9:27	187	30	18,56
	LC08_L1TP_187031_20180424_20180502_01_T1	24/4/18	9:28	187	31	3,07
	LC08_L1TP_187030_20180408_20180417_01_T1	8/4/18	9:27	187	30	4,37
	LC08_L1TP_187031_20180408_20180417_01_T1	8/4/18	9:28	187	31	0,27
35,36	LC08_L1TP_187030_20180118_20180206_01_T1	18/1/18	9:27	187	30	10,37

	LC08_L1TP_187031_20180118_20180206_01_T1	18/1/18	9:28	187	31	1,43
	LC08_L1TP_187030_20170827_20170914_01_T1	27/8/17	9:27	187	30	3,6
	LC08_L1TP_187031_20170827_20170914_01_T1	27/8/17	9:28	187	31	6,85
	LC08_L1TP_187030_20170811_20170824_01_T1	11/8/17	9:27	187	30	0,16
	LC08_L1TP_187031_20170811_20170824_01_T1	11/8/17	9:28	187	31	2,63
	LC08_L1TP_187030_20170710_20170725_01_T1	10/7/17	9:27	187	30	0,17
	LC08_L1TP_187031_20170710_20170725_01_T1	10/7/17	9:28	187	31	0,36
	LC08_L1TP_187030_20170608_20170616_01_T1	8/6/17	9:27	187	30	36,01
	LC08_L1TP_187031_20170608_20170616_01_T1	8/6/17	9:28	187	31	0,52
	LC08_L1TP_187030_20170523_20170526_01_T1	23/5/17	9:27	187	30	30,46
	LC08_L1TP_187031_20170523_20170526_01_T1	23/5/17	9:28	187	31	7,41
	LC08_L1TP_187030_20170304_20170316_01_T1	4/3/17	9:27	187	30	8,83
	LC08_L1TP_187031_20170304_20170316_01_T1	4/3/17	9:28	187	31	0,75
	LC08_L1TP_187030_20170216_20170228_01_T1	16/2/17	9:27	187	30	0,98
	LC08_L1TP_187031_20170216_20170228_01_T1	16/2/17	9:28	187	31	2,02
	LC08_L1TP_188030_20181227_20190129_01_T1	27/12/18	9:34	188	30	11,5
	LC08_L1TP_188030_20181109_20181116_01_T1	9/11/18	9:34	188	30	4,66
	LC08_L1TP_188030_20181008_20181029_01_T1	8/10/18	9:34	188	30	4,66
	LC08_L1TP_188030_20180922_20180928_01_T1	22/9/18	9:34	188	30	7
	LC08_L1TP_188030_20180906_20180912_01_T1	6/9/18	9:34	188	30	6,9
	LC08_L1TP_188030_20180821_20180829_01_T1	21/8/18	9:34	188	30	2,81
	LC08_L1TP_188030_20180720_20180731_01_T1	20/7/18	9:34	188	30	0,57
	LC08_L1TP_188030_20180704_20180717_01_T1	4/7/18	9:34	188	30	20,2
	LC08_L1TP_188030_20180602_20180615_01_T1	2/6/18	9:34	188	30	1,84
	LC08_L1TP_188030_20180125_20180206_01_T1	25/1/18	9:34	188	30	2,3
34	LC08_L1TP_188030_20171224_20180103_01_T1	24/12/17	9:34	188	30	5,63
	LC08_L1TP_188030_20171021_20171106_01_T1	21/10/17	9:34	188	30	5,95
	LC08_L1TP_188030_20171005_20171014_01_T1	5/10/17	9:34	188	30	18,17
	LC08_L1TP_188030_20170818_20170826_01_T1	18/8/17	9:34	188	30	0,45
	LC08_L1TP_188030_20170802_20170812_01_T1	2/8/17	9:34	188	30	0,03
	LC08_L1TP_188030_20170717_20170727_01_T1	17/7/17	9:34	188	30	8,62
	LC08_L1TP_188030_20170530_20180527_01_T1	30/5/17	9:34	188	30	1,94
	LC08_L1TP_188030_20170514_20180527_01_T1	14/5/17	9:34	188	30	9,81
	LC08_L1TP_188030_20170412_20180527_01_T1	12/4/17	9:34	188	30	0,71
	LC08_L1TP_188030_20170327_20170414_01_T1	27/3/17	9:34	188	30	17,8
	LC08_L1TP_188030_20170311_20170317_01_T1	11/3/17	9:34	188	30	30,07
	LC08_L1TP_188030_20170122_20170311_01_T1	22/1/17	9:34	188	30	6,15
	LC08_L1TP_185033_20180917_20180928_01_T1	17/9/18	9:16	185	33	1,29
	LC08_L1TP_185033_20180901_20180912_01_T1	1/9/18	9:16	185	33	1,56
37	LC08_L1TP_185033_20180731_20180814_01_T1	31/7/18	9:16	185	33	4,6
	LC08_L1TP_185033_20180715_20180730_01_T1	15/7/18	9:16	185	33	0,65
	LC08_L1TP_185033_20180613_20180615_01_T1	13/6/18	9:16	185	33	3,6

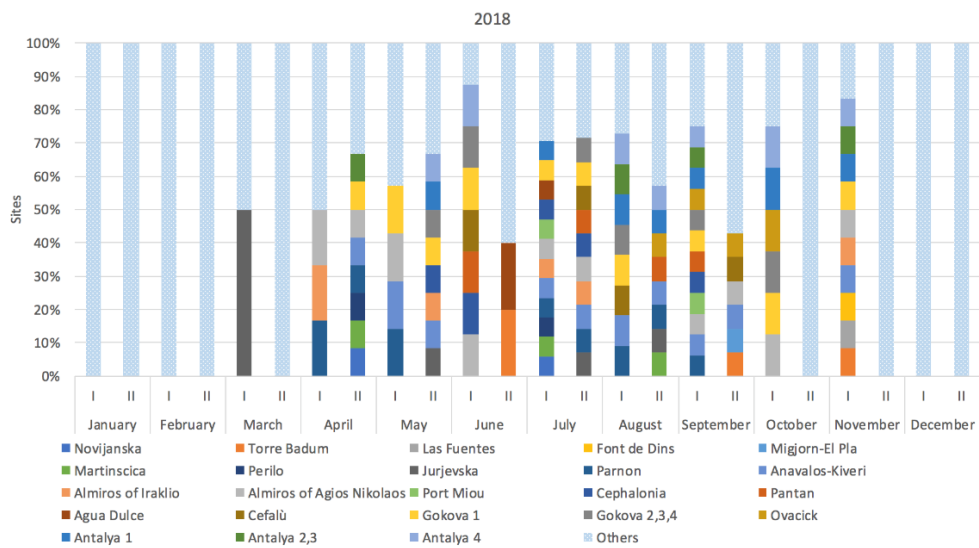
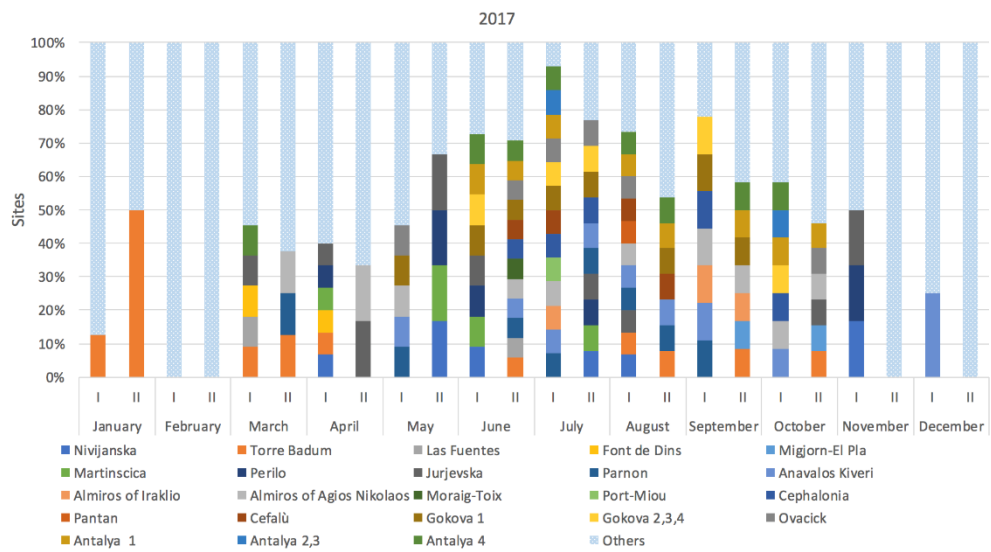
	LC08_L1TP_185033_20180528_20180605_01_T1	28/5/18	9:16	185	33	13,16
	LC08_L1TP_185033_20180512_20180517_01_T1	12/5/18	9:16	185	33	5,64
	LC08_L1TP_185033_20180426_20180502_01_T1	26/4/18	9:16	185	33	14,84
	LC08_L1TP_185033_20180205_20180220_01_T1	5/2/18	9:16	185	33	1,16
	LC08_L1TP_185033_20171016_20171024_01_T1	16/10/17	9:16	185	33	0,05
	LC08_L1TP_185033_20170914_20170928_01_T1	14/9/17	9:16	185	33	0,06
	LC08_L1TP_185033_20170728_20170810_01_T1	28/7/17	9:16	185	33	3,29
	LC08_L1TP_185033_20170712_20170726_01_T1	12/7/17	9:16	185	33	1,14
	LC08_L1TP_185033_20170626_20180527_01_T1	26/6/17	9:16	185	33	1,54
	LC08_L1TP_185033_20170610_20180527_01_T1	10/6/17	9:16	185	33	7,04
	LC08_L1TP_185033_20170423_20170502_01_T1	23/4/17	9:16	185	33	4,12
	LC08_L1TP_185033_20170101_20170312_01_T1	1/1/17	9:16	185	33	1,94
38,39,40	LC08_L1TP_183034_20181224_20190129_01_T1	24/12/18	9:04	183	34	1,82
	LC08_L1TP_183034_20181208_20181211_01_T1	8/12/18	9:04	183	34	1,52
	LC08_L1TP_183034_20181106_20181115_01_T1	6/11/18	9:04	183	34	6,35
	LC08_L1TP_183034_20180919_20180928_01_T1	19/9/18	9:04	183	34	2
	LC08_L1TP_183034_20180919_20180928_01_T1	3/9/18	9:04	183	34	0,02
	LC08_L1TP_183034_20180818_20180829_01_T1	18/8/18	9:04	183	34	1,9
	LC08_L1TP_183034_20180802_20180814_01_T1	2/8/18	9:0	183	34	10,41
	LC08_L1TP_183034_20180717_20180730_01_T1	17/7/18	9:04	183	34	0,16
	LC08_L1TP_183034_20180530_20180614_01_T1	30/5/18	9:04	183	34	6,55
	LC08_L1TP_183034_20180514_20180517_01_T1	14/5/18	9:04	183	34	1,27
	LC08_L1TP_183034_20180428_20180502_01_T1	28/4/18	9:04	183	34	0,09
	LC08_L1TP_183034_20180106_20180119_01_T1	6/1/18	9:04	183	34	1,63
	LC08_L1TP_183034_20171205_20171222_01_T1	5/12/17	9:04	183	34	5,74
	LC08_L1TP_183034_20170916_20170929_01_T1	16/9/17	9:04	183	34	0,02
	LC08_L1TP_183034_20170831_20170915_01_T1	31/8/17	9:04	183	34	2,68
	LC08_L1TP_183034_20170815_20170825_01_T1	15/8/17	9:04	183	34	5,23
	LC08_L1TP_183034_20170730_20170811_01_T1	30/7/17	9:04	183	34	0,04
	LC08_L1TP_183034_20170714_20170726_01_T1	14/7/17	9:04	183	34	1,9
	LC08_L1TP_183034_20170628_20170714_01_T1	28/6/17	9:04	183	34	2,94
	LC08_L1TP_183034_20170511_20170516_01_T1	11/5/17	9:04	183	34	1,24
LC08_L1TP_183034_20170425_20170502_01_T1	25/4/17	9:04	183	34	2,5	
LC08_L1TP_183034_20170324_20180527_01_T1	24/3/17	9:04	183	34	0,21	
LC08_L1TP_183034_20170103_20170312_01_T1	3/1/17	9:04	183	34	1,83	
41,42	LC08_L1TP_181036_20181124_20181210_01_T1	8/11/18	8:53	181	36	17,46
	LC08_L1TP_181036_20181007_20181029_01_T1	7/10/18	8:53	181	36	5,15
	LC08_L1TP_181036_20180921_20180928_01_T1	21/9/18	8:53	181	36	3,12
	LC08_L1TP_181036_20180905_20180912_01_T1	5/9/18	8:53	181	36	0,03
	LC08_L1TP_181036_20180820_20180829_01_T1	20/8/18	8:53	181	36	1,24
	LC08_L1TP_181036_20180719_20180731_01_T1	19/7/18	8:53	181	36	0,15
	LC08_L1TP_181036_20180703_20180717_01_T1	3/7/18	8:53	181	36	0,7

	LC08_L1TP_181036_20180601_20180614_01_T1	1/6/18	8:53	181	36	0,05
	LC08_L1TP_181036_20180516_20180604_01_T1	16/5/18	8:53	181	36	5,94
	LC08_L1TP_181036_20180430_20180502_01_T1	30/4/18	8:53	181	36	6,22
	LC08_L1TP_181036_20180414_20180501_01_T1	14/4/18	8:53	181	36	15,35
	LC08_L1TP_181036_20180225_20180308_01_T	25/2/18	8:53	181	36	42,38
	LC08_L1TP_181036_20180108_20180119_01_T1	8/1/18	8:53	181	36	2,55
	LC08_L1TP_181036_20171020_20171106_01_T1	20/10/17	8:53	181	36	5,75
	LC08_L1TP_181036_20171004_20171014_01_T1	4/10/17	8:53	181	36	1,28
	LC08_L1TP_181036_20170918_20180527_01_T1	18/9/17	8:53	181	36	0
	LC08_L1TP_181036_20170902_20170916_01_T1	2/9/17	8:53	181	36	0
	LC08_L1TP_181036_20170801_20170811_01_T1	1/8/17	8:53	181	36	0,78
	LC08_L1TP_181036_20170716_20170727_01_T1	16/7/17	8:53	181	36	2,43
43,44,45	LC08_L1TP_180034_20181101_20181115_01_T1	1/11/18	8:46	180	34	0,07
	LC08_L1TP_180034_20181016_20181030_01_T1	16/10/18	8:46	180	34	0
	LC08_L1TP_180034_20180914_20180928_01_T1	14/9/18	8:46	180	34	5,57
	LC08_L1TP_180034_20180813_20180828_01_T1	13/8/18	8:46	180	34	3,31
	LC08_L1TP_180034_20180728_20180731_01_T1	28/7/18	8:46	180	34	2,09
	LC08_L1TP_180034_20180712_20180717_01_T1	12/7/18	8:46	180	34	0,31
	LC08_L1TP_180034_20180610_20180615_01_T1	10/6/18	8:46	180	34	1,52
	LC08_L1TP_180034_20180509_20180517_01_T1	9/5/18	8:46	180	34	11,93
	LC08_L1TP_180034_20180423_20180502_01_T1	23/4/18	8:46	180	34	5
	LC08_L1TP_180034_20180218_20180307_01_T1	18/2/18	8:46	180	34	0,65
	LC08_L1TP_180034_20180101_20180104_01_T1	1/1/18	8:46	180	34	1,19
	LC08_L1TP_180034_20171013_20171024_01_T1	13/10/17	8:46	180	34	0,04
	LC08_L1TP_180034_20170927_20171013_01_T1	27/9/17	8:46	180	34	2,01
	LC08_L1TP_180034_20170826_20170913_01_T1	26/8/17	8:46	180	34	0,02
	LC08_L1TP_180034_20170709_20170717_01_T1	9/7/17	8:46	180	34	0,05
	LC08_L1TP_180034_20170506_20170515_01_T1	6/5/17	8:46	180	34	10,42
LC08_L1TP_180034_20170303_20170316_01_T1	3/3/17	8:46	180	34	9,52	
LC08_L1TP_180034_20170215_20170228_01_T1	15/2/17	8:46	180	34	25,38	
46,47,48	LC08_L1TP_178034_20181221_20181227_01_T1	21/12/18	8:33	178	34	17,22
	LC08_L1TP_178034_20181103_20181115_01_T1	3/11/18	8:33	178	34	0,07
	LC08_L1TP_178034_20180916_20180928_01_T1	16/9/18	8:33	178	34	0,07
	LC08_L1TP_178034_20180815_20180828_01_T1	15/8/18	8:33	178	34	0,04
	LC08_L1TP_178034_20180119_20180206_01_T1	19/1/18	8:33	178	34	8,56
	LC08_L1TP_178034_20171031_20171109_01_T1	31/10/17	8:33	178	34	4,76
	LC08_L1TP_178034_20170929_20171013_01_T1	29/9/17	8:33	178	34	15,51
	LC08_L1TP_178034_20170828_20170914_01_T1	28/8/17	8:33	178	34	0,15
	LC08_L1TP_178034_20170321_20170328_01_T1	21/3/17	8:33	178	34	21,56
	LC08_L1TP_178034_20170217_20170228_01_T1	17/2/17	8:33	178	34	1,69
49	LC08_L1TP_176036_20181105_20181115_01_T1	5/11/18	8:22	176	36	27,70
	LC08_L1TP_176036_20181004_20181010_01_T1	4/10/18	8:22	176	36	3,48

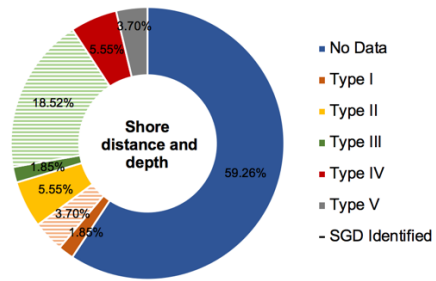
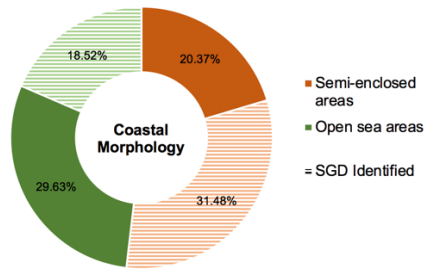
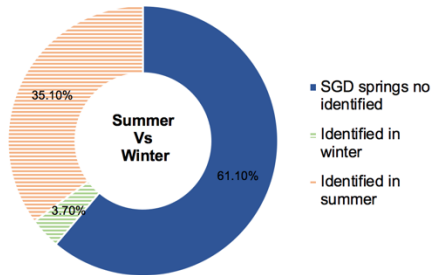
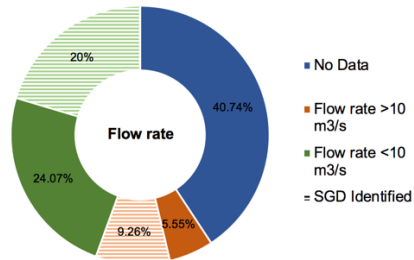
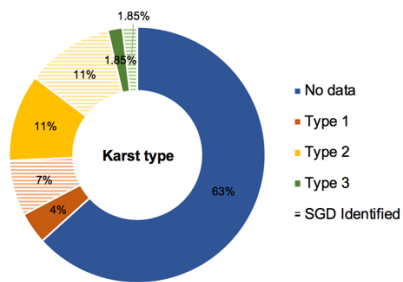
	LC08_L1TP_176036_20180918_20180928_01_T1	18/9/18	8:22	176	36	0.17
	LC08_L1TP_176036_20180326_20180404_01_T1	26/3/18	8:22	176	36	1.03
	LC08_L1TP_176036_20180206_20180221_01_T1	6/2/18	8:22	176	36	3.11
	LC08_L1TP_176036_20171017_20171024_01_T1	17/10/17	8:22	176	36	0.60
	LC08_L1TP_176036_20170915_20180526_01_T1	15/9/17	8:22	176	36	5.60
	LC08_L1TP_176036_20170830_20170914_01_T1	30/8/17	8:22	176	36	1.20
	LC08_L1TP_176036_20170729_20170811_01_T1	29/7/17	8:22	176	36	2.78
	LC08_L1TP_176036_20170510_20170516_01_T1	10/5/17	8:22	176	36	0.02
	LC08_L1TP_176036_20170424_20170502_01_T1	24/4/17	8:22	176	36	0.18
	LC08_L1TP_176036_20170307_20170317_01_T1	7/3/16	8:22	176	36	0.49
	LC08_L1TP_176036_20170118_20170311_01_T1	18/1/17	8:22	176	36	0.75
50	LC08_L1TP_176035_20181004_20181010_01_T1	4/10/18	8:21	176	35	0.18
	LC08_L1TP_176035_20180918_20180928_01_T1	18/9/18	8:21	176	35	1.71
	LC08_L1TP_176035_20180817_20180829_01_T1	17/8/18	8:21	176	35	5.32
	LC08_L1TP_176035_20180716_20180730_01_T1	16/7/18	8:21	176	35	2.62
	LC08_L1TP_176035_20180630_20180716_01_T1	30/6/18	8:21	176	35	6.85
	LC08_L1TP_176035_20180326_20180404_01_T1	26/3/18	8:21	176	35	2.19
	LC08_L1TP_176035_20180206_20180221_01_T1	6/2/18	8:21	176	35	1.04
	LC08_L1TP_176035_20171017_20171024_01_T1	17/10/17	8:21	176	35	0.25
	LC08_L1TP_176035_20170729_20170811_01_T1	29/7/17	8:21	176	35	0.77
	LC08_L1TP_176035_20170526_20170616_01_T1	26/5/17	8:21	176	35	3.31
	LC08_L1TP_176035_20170424_20170502_01_T1	24/4/17	8:21	176	35	0.78
	LC08_L1TP_176035_20170323_20170329_01_T1	23/3/17	8:21	176	35	4.96
	LC08_L1TP_176035_20170118_20170311_01_T1	18/1/17	8:21	176	35	0.87
51.52	LC08_L1TP_174036_20181107_20181116_01_T1	7/11/18	8:09	174	36	17.03
	LC08_L1TP_174036_20180702_20180716_01_T1	7/11/18	8:09	174	36	2.37
	LC08_L1TP_174036_20180515_20180604_01_T1	7/11/18	8:09	174	36	2.53
	LC08_L1TP_174036_20180413_20180417_01_T1	7/11/18	8:09	174	36	1.49
	LC08_L1TP_174036_20180224_20180308_01_T1	7/11/18	8:09	174	36	12.59
	LC08_L1TP_174036_20180107_20180119_01_T1	7/11/18	8:09	174	36	1.57
	LC08_L1TP_174036_20171019_20171025_01_T1	7/11/18	8:09	174	36	0.02
	LC08_L1TP_174036_20171003_20171014_01_T1	7/11/18	8:09	174	36	1.94
	LC08_L1TP_174036_20170901_20170915_01_T1	7/11/18	8:09	174	36	5.97
	LC08_L1TP_174036_20170731_20170811_01_T1	7/11/18	8:09	174	36	1.46
	LC08_L1TP_174036_20170528_20170615_01_T1	7/11/18	8:09	174	36	1.25
	LC08_L1TP_174036_20170512_20170525_01_T1	7/11/18	8:09	174	36	1.07
	LC08_L1TP_174036_20170325_20170329_01_T1	7/11/18	8:09	174	36	1.50
	LC08_L1TP_174036_20170221_20170301_01_T1	7/11/18	8:09	174	36	1.85
53	LC08_L1TP_174037_20181225_20190129_01_T1	25/12/18	8:10	174	37	29.85
	LC08_L1TP_174037_20181107_20181116_01_T1	7/11/18	8:10	174	37	16.73
	LC08_L1TP_174037_20180920_20180928_01_T1	20/9/18	8:10	174	37	1.10
	LC08_L1TP_174037_20180904_20180912_01_T1	4/9/18	8:10	174	37	0.88

	LC08_L1TP_174037_20180702_20180716_01_T1	2/7/18	8:10	174	37	0.91
	LC08_L1TP_174037_20180616_20180703_01_T1	16/6/18	8:10	174	37	0.02
	LC08_L1TP_174037_20180413_20180417_01_T1	13/4/18	8:10	174	37	0.23
	LC08_L1TP_174037_20180224_20180308_01_T1	24/2/18	8:10	174	37	7.47
	LC08_L1TP_174037_20180107_20180119_01_T1	7/1/18	8:10	174	37	2.47
	LC08_L1TP_174037_20171019_20171025_01_T1	19/10/17	8:10	174	37	0.06
	LC08_L1TP_174037_20170731_20170811_01_T1	31/7/17	8:10	174	37	0.84
	LC08_L1TP_174037_20170715_20170727_01_T1	15/7/17	8:10	174	37	0.29
	LC08_L1TP_174037_20170528_20170615_01_T1	28/5/17	8:10	174	37	0.51
	LC08_L1TP_174037_20170512_20170525_01_T1	12/5/17	8:10	174	37	0.25
	LC08_L1TP_174037_20170325_20170329_01_T1	25/3/17	8:10	174	37	2.85
	LC08_L1TP_174037_20170221_20170301_01_T1	21/2/17	8:10	174	37	1.31
	LC08_L1TP_174037_20170205_20170216_01_T1	5/2/17	8:10	174	37	1.80
	LC08_L1TP_174037_20170120_20170311_01_T1	20/1/17	8:10	174	37	13.20
54	LC08_L1TP_184038_20181012_20181030_01_T1	12/10/18	9:12	184	38	17,32
	LC08_L1TP_184038_20180910_20180913_01_T1	10/9/18	9:12	184	38	7,37
	LC08_L1TP_184038_20180809_20180815_01_T1	9/8/18	9:12	184	38	0
	LC08_L1TP_184038_20180708_20180717_01_T1	8/7/18	9:12	184	38	0,17
	LC08_L1TP_184038_20180622_20180703_01_T1	11/6/18	9:12	184	38	12,24
	LC08_L1TP_184038_20180606_20180615_01_T1	6/6/18	9:12	184	38	0,01
	LC08_L1TP_184038_20180505_20180517_01_T1	5/5/18	9:12	184	38	8,93
	LC08_L1TP_184038_20180419_20180501_01_T1	19/4/18	9:12	184	38	18,29
	LC08_L1TP_184038_20180403_20180417_01_T1	3/4/18	9:12	184	38	0,12
	LC08_L1TP_184038_20180318_20180403_01_T1	18/3/18	9:12	184	38	5,08
	LC08_L1TP_184038_20180214_20180222_01_T1	14/2/18	9:12	184	38	5,47
	LC08_L1TP_184038_20171212_20171223_01_T1	12/12/17	9:12	184	38	9,72
	LC08_L1TP_184038_20171126_20171206_01_T1	26/11/17	9:12	184	38	0,36
	LC08_L1TP_184038_20171110_20171121_01_T1	10/11/17	9:12	184	38	1,55
	LC08_L1TP_184038_20170923_20171013_01_T1	23/9/17	9:12	184	38	0,35
	LC08_L1TP_184038_20170907_20170926_01_T1	7/9/17	9:12	184	38	0,41
	LC08_L1TP_184038_20170822_20170911_01_T1	22/8/17	9:12	184	38	9,4
	LC08_L1TP_184038_20170806_20170813_01_T1	6/8/17	9:12	184	38	0,19
	LC08_L1TP_184038_20170721_20170728_01_T1	21/7/17	9:12	184	38	1,74
	LC08_L1TP_184038_20170705_20170716_01_T1	5/7/17	9:12	184	38	8,46
LC08_L1TP_184038_20170619_20170629_01_T1	19/6/17	9:12	184	38	16,92	
LC08_L1TP_184038_20170518_20170525_01_T1	18/5/17	9:12	184	38	13,58	
LC08_L1TP_184038_20170416_20170501_01_T1	16/4/17	9:12	184	38	0,01	
LC08_L1TP_184038_20170315_20170328_01_T1	15/3/17	9:12	184	38	0,85	

Supplementary material 3



Supplementary material 4



Supplementary material 5

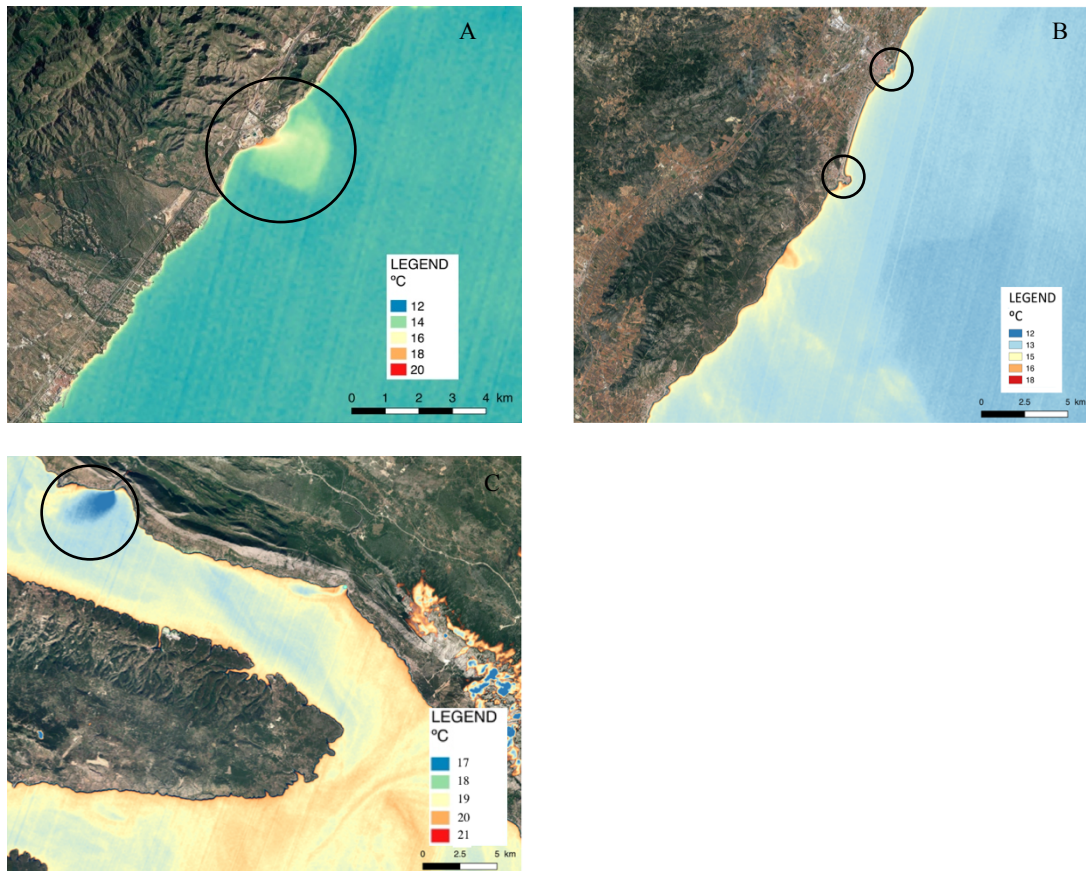


Figure: A) Vandellós II nuclear power plant in Spain, B) Benicarló port in the north and Peñíscola port in the south, both in Spain and C) Small river in Croatia. © Google Earth 2021.

Supplementary material 6

