Appendix 2: Hydrological Data in Langtang Valley, Aug. 27–Oct. 26, 1982.

		Q_{La} (m³/sec)			Q_{Li} (m³/sec)			$\bar{T}_w$(°C)	$\bar{T}_a$(°C)	P (mm)	
		mean[1]	max.[2]	min.[3]	mean[1]	max.[2]	min.[3]	mean[4]	mean[4]	06–18h	18–06h[5]
27	Aug.	—	47.7	—	—	—	—	—	9.2	0.4	9.3
28		36.8	40.8	35.2	—	—	—	—	9.5	1.0	5.2
29		32.1	34.5	31.3	—	—	—	—	8.9	0.0	5.3
30		30.0	31.5	28.6	—	—	—	—	7.3	(0.4)	(0.0)
31		28.9	30.0	28.5	—	—	—	—	7.1	(2.4)	(1.2)
1	Sep.	27.6	29.0	26.4	—	—	—	—	9.0	0.0	0.0
2		27.3	28.9	26.0	(2.33)	3.19	—	4.6	9.6	0.0	0.0
3		26.9	28.5	25.2	2.47	3.70	1.96	4.6	10.3	0.0	1.0
4		27.7	29.5	25.7	2.48	3.97	1.82	3.9	8.6	4.1	0.1
5		27.2	28.4	25.7	2.53	3.66	1.94	4.4	10.2	0.0	0.0
6		27.9	29.7	25.6	2.40	3.19	1.80	4.4	9.9	2.7	10.7
7		27.4	28.5	26.3	2.21	3.07	1.93	4.0	9.1	0.0	2.8
8		25.5	26.7	24.9	1.93	2.52	1.82	4.1	9.2	0.0	0.0
9		25.1	26.3	23.6	2.03	2.78	1.56	4.2	9.0	0.0	2.1
10		26.5	27.6	24.2	1.79	1.92	1.61	3.5	7.3	6.0	5.7
11		25.2	26.6	25.9	1.82	2.00	1.68	3.5	6.9	5·7	6.4
12		24.1	26.4	22.5	1.82	1.63	1.55	3.6	6.7	(5.0)	22.0
13		24.0	27.1	23.2	1.83	2.30	1.85	3.6	6.2	16.0	0.8
14		21.5	22.5	20.7	(1.75)	1.98	1.54	4.5	8.7	0.0	0.0
15		20.7	21.6	19.9	(1.88)	2.36	1.52	4.7	8.4	0.0	0.0
16		20.1	20.7	19.7	(1.80)	2.01	1.46	4.3	7.6	0.6	0.8
17		20.2	20.8	19.6	(1.83)	2.16	1.50	5.0	8.3	0.0	0.0
18		20.8	21.5	19.6	1.83	2.02	1.51	4.8	8.8	0.5	1.4
19		20.8	21.3	20.4	(1.72)	1.92	1.58	4.2	8.0	0.0	0.0
20		—	—	19.2	(1.80)	2.31	1.50	4.1	7.2	0.6	0.0
21		—	—	—	1.79	2.54	1.31	4.5	7.0	0.0	0.0
22		—	—	—	1.68	2.30	1.32	4.7	7.6	0.0	0.0
23		—	—	—	1.28	1.64	1.16	4.0	5.9	0.0	4.4
24		—	—	—	0.92	—[6]	—[6]	4.1	5.1	0.3	1.8
25		(13.1)	(14.1)	—	0.84	0.91	0.79	4.4	5.5	0.0	0.0
26		—	(13.3)	12.9	1.09	1.48	0.72	4.3	5.9	0.0	0.0
27		—	—	—	1.20	1.61	0.79	4.3	5.6	0.0	0.0
28		—	—	—	1.22	1.73	0.81	4.5	5.4	0.0	0.0
29		—	—	—	1.19	1.72	0.81	3.9	4.5	0.0	0.0
30		—	—	—	1.10	1.65	0.78	3.7	4.3	0.0	0.0
1	Oct.	—	—	—	1.12	1.65	0.56	3.7	2.8	0.0	0.0
2		—	(12.0)	—	—	—	0.74	3.4	3.3	0.0	0.0
3		11.4	11.7	11.2	—	—	—	—	4.1	0.0	0.0
4		11.3	11.6	11.1	0.87	1.23	(0.64)	3.9	4.2	0.0	0.0
5		11.2	11.5	11.0	1.03	1.33	0.68	4.0	4.6	0.0	0.0
6		11.2	11.6	10.9	1.18	1.57	0.84	4.3	5.0	0.0	0.0
7		11.0	11.2	10.9	1.07	1.53	0.88	3.6	4.4	0.0	0.0
8		10.8	11.0	10.7	0.89	1.31	0.70	3.2	2.7	1.1(*)	0.0
9		10.5	10.7	10.4	0.55	0.69	0.63	3.3	2.8	0.0	1.7
10		(10.6)	(10.3)	10.1	—	—	(0.34)	3.9	3.3	0.0	0.0
11		—	—	—	—	—	—	3.7	3.0	0.0	0.0
12		—	—	—	0.43	0.53	0.31	—	3.3	0.0	0.0
13		—	—	—	0.50	0.70	0.37	—	3.8	0.0	0.0
14		—	—	—	0.50	0.68	0.41	—	1.9	0.0	0.0
15		—	—	—	0.57	0.72	0.37	—	3.2	0.0	0.0
16		—	(8.9)	—	0.70	0.97	0.42	—	3.8	0.0	0.0
17		8.6	8.7	8.6	0.49	0.68	0.45	—	4.9	(0.0)	(4.2)
18		8.3	8.7	8.4	—	—	(0.32)	—	3.6	(8.4)	(4.2)
19		—	—	—	—	—	—	—	3.5	1.8	0.0
20		—	(7.9)	—	0.52	0.62	0.32	—	4.5	0.0	0.0
21		7.7	7.8	7.7	(0.50)	0.54	0.47	—	4.5	0.0	0.0
22		—	—	—	—	—	(0.45)	—	1.9	1.4(*)	0.0
23		—	—	—	—	—	—	3.4	1.9	0.0	0.0

24	(6.7)	(7.1)	—	—	—	—	3.7	1.6	0.0	0.0
25	—	—	(6.5)	—	—	—	—	1.7	0.0	0.0
26	—	—	—	—	—	—	—	1.7	0.0	0.0

Q_{La}: Water discharge in Langtang Khola Watershed (total area 333 km²); Q_{Li}: Water discharge in Lirung Khola watershed (total area 13.8 km²); $\bar{T}_w$: Water temperature in Langtang Khola; $\bar{T}_a$: air temperature (Base House 3920 m a.s.l.); P: Amount of precipitation.
(1) 11h–11h (next day) mean (Nepal Standard Time).
(2) Maximum discharge that is the peak of its daily variation.
(3) Minimum discharge that is the front of its daily variation.
(4) 00h–24h mean.
(5) Next day
(6) Discharge is decreasing only.
(*) Solid precipitation.
( ) Uncertain due to the lack of data.