



















The	Duji	atai deten	tion area ha	as been	usec	d for	20 times	since 1956	
Num.	Year	The maximum discharge of intake flood(m ³ /s)	The highest storage volume of flood (billion m ³)	Duration for flood diversion (h)	Num.	Year	The maximum discharge of intake flood(m ³ /s)	The highest storage volume of flood (billion m ³)	Duration for flood diversion (h)
1	1956	2,510	0.514	100	11	1964	2,060	1.028	169.7
2	1956	3,120	0.837	131.28	12	1964	4,350	1.52	148.34
3	1957	1,380	0.313	63.31	13	1964	5,600	2.509	172.4
4	1958	3,230	0.73	87.1	14	1974	1,790	0.283	53.6
5	1958	4,800	0.257	190.34	15	1975	3,300	0.324	49.48
6	1958	2,305	0.543	79.47	16	1975	3,980	0.682	72.18
7	1958	2,270	0.738	93.15	17	1983	5,100	2.306	182
8	1960	4,755	1.977	234.24	18	1983	2,860	0.596	81
10	1964	2,400	0.438	70.8	20	2005	1,648	0.368	85

			514 40 40 01 010 00 010 100 100 100 100 1					
Name of district	Year	Number of locations where dike break happened	Cultivated area inundated (ha)	Inundated building	Affected population (person)	Death (person)	Loss (×10 ⁴ yuan	
Caidian district of Wuhan city	1958	1	2,400			13	60	
Xiantao city	1960		720		1,050		180.5	
Caidian district, Xiantao City	1964	6	2,163	641	10,545		468.5	
Xiantao city	1974	2	720		1,100		263.2	
Caidian district, Xiantao City	1975	7	3,967		1,150		585.5	
Caidian district, Xiantao Cit	1983	13	3,053	6,360	45,564	1	9,175	
Caidian district, Xiantao Cit	1984	10	3,780	1,429	8,005		5,123	
Caidian district, Xiantao City	2005	2	108		7,381		4,848	
	Total	41	16,912	8,430	74,795	14	20,703.7	









		102077 00.112
Num.	Name of scheme	Description
1	djt_4000	Typical flood diversion process whose flood peak discharge is equal to the design flood diversion discharge (4000m ³ /s) of Dujiatai gate. Huanglingji gate is closed because of the backwater effect of Yangtze River.
2	djt_5300	Typical flood diversion process whose flood peak discharge is equal to the check flood diversion discharge (5300m ³ /s) of Dujiatai gate. Huanglingji gate is closed because of the backwater effect of Yangtze River.
3	djt_4000_38	Typical flood diversion process whose flood peak discharge is equal to the design flood diversion discharge (4000m ³ /s) of Dujiatai gate and the total flood diversion volume is 3.861 billion m Huanglingji gate is closed because of the backwater effect of Yangtze River.
4	djt_5300_38	Typical flood diversion process whose flood peak discharge is equal to the check flood diversion discharge (5300m ³ /s) of Dujiatai gate and the total flood diversion volume is 3.861 billion m Huanglingji gate is closed because of the backwater effect of Yangtze River.
5	djt_4000-d	Typical flood diversion process whose flood peak discharge is equal to the design flood diversion discharge (4000m ³ /s) of Dujiatai gate. Typical downstream stage process of Huanglingji gate.
6	djt_5300-d	Typical flood diversion process whose flood peak discharge is equal to the check flood diversion discharge (5300m ³ /s) of Dujiatai gate. Typical downstream stage process of Huanglingji gate.
7	djt_4000_38-d	Typical flood diversion process whose flood peak discharge is equal to the design flood diversion discharge (4000m ³ /s) of Dujiatai gate and the total flood diversion volume is 3.861 billion m Typical downstream stage process of Huanglingji gate.
8	djt_5300_38-d	Typical flood diversion process whose flood peak discharge is equal to the check flood diversion discharge (5300m ³ /s) of Dujiatai gate and the total flood diversion volume is 3.861 billion m Typical downstream stage process of Huanglingji gate.











			0101001010	101001010000
Name of scheme	Inundated area	Inundated cultivated area	Affected persons	Main traffic line affected
	(km²)	(ha)	(person)	(km)
djt_4000	265.76	16,400	26,008	61.78
djt_4000_38	520.17	33,827	103,966	164.83
djt_4000_38_D	525.35	34,153	105,843	174
djt_4000_D	316.72	20,513	35,658	73.35
djt_5300	505.74	32,660	98,079	161.13
djt_5300_38	523.46	34,033	105,013	172.29
djt_5300_38_D	525.35	34,153	105,844	173.99
djt_5300_D	521.39	33,840	104,175	170.48

			o10	4*01 0101001010 010100 10 10 010100 10	011001010000
Name of scheme	Loss of residential building	Loss of family property	Agricultural loss	Loss of road	Total
	(×10 ⁴ yuan)	(×10 ⁴ yuan)	(×10 ⁴ yuan)	(×10 ⁴ yuan)	(×10 ⁴ yuan)
djt_4000	5,372	1,077	17,306	579	24,334
djt_4000_38	21,185	4,327	25,859	1,064	52,435
djt_4000_38_D	25,345	5,455	28,059	1,385	60,244
djt_4000_D	6,407	1,281	19,283	663	27,634
djt_5300	18,560	3,648	23,818	917	46,943
djt_5300_38	22,048	4,534	26,415	1,129	54,126
djt_5300_38_D	25,345	5,455	28,057	1,380	60,237
djt_5300_D	21,064	4,262	25,784	1,100	52,210











		516 40 4991 0101001011 1000 10 1000000 01010000000
Num.	Name of scheme	Description
1	hh_scw_600	The type of flood in 1998 happens in Yangtze River; Dike break happens at Chewan in the Honghu main dike in Jianli with a width o 600m.
2	hh_ls_600	The type of flood in 1998 happens in Yangtze River; Dike break happens at Luoshan in the Honghu main dike in Jianli with a width 600m.
3	hh_tk_600	The type of flood in 1998 happens in Yangtze River; Dike break happens at Taokou in the Honghu main dike in Jianli with a width of 600m.
4	hh_tk_1630	The type of flood in 1998 happens in Yangtze River; Dike break happens at Taokou in the Honghu main dike in Jianli with a width of 1630m.
5	hh_tk_480	The type of flood in 1998 happens in Yangtze River; The width of Yangtze River flood diversion gate in Jianli Honghu is 480m.
6	hh_yw_600	The type of flood in 1998 happens in Yangtze River; Dike break happens at Yanwo in the Honghu main dike in Jianli.









		91	0101001001000	1001011001144	
Name of scheme	ne Inundated Inundate area cultivated a		Affected persons	s Main traffic line affected	
	(km²)	(ha)	(person)	(km)	
hh_ls_600_360	2,385.37	71,260	448,200	519.22	
hh_yw_600_600	2,384.25	71,193	448,060	518.61	
hh_tk_1630_250	2,385.35	71,247	448,230	519.26	
hh_tk_600_360	2,385.34	71,253	448,230	519.27	
hh_scw_600_188	2,385.32	71,293	448,230	519.22	
hh_tk_480_210	937.36	24,347	139,090	225.87	

	Loss of heilding	514	40 4001 0101	Coloring in the color
Name of scheme	Loss of building	property	loss	property
	(×10 ⁴ yuan)	(×10 ⁴ yuan)	(×10 ⁴ yuan)	(×10 ⁴ yuan)
hh_ls_600_360	94,976	20,761	132,531	16,004
hh_yw_600_600	87,602	18,709	126,957	15,606 15,918 15,950
hh_tk_1630_250	93,691	20,405	131,057	
hh_tk_600_360	94,080	20,499	131,633	
hh_scw_600_188	94,667	20,685	132,784	16,078
hh_tk_480_210	22,019	4,281	47,758	3,578
N. C.I	Loss of industrial output value		Loss of road	Direct economic lo
Name of scheme	(×10 ⁴ yuan)		(×10 ⁴ yuan)	(×10 ⁴ yuan)
hh_ls_600_360	11,993		5,545	281,810
hh_yw_600_600	11,978		5,080	265,932
hh_tk_1630_250	11,837		5,500	278,408
hh_tk_600_360	11,974		5,516	279,652
hh_scw_600_188	11,663		6,059	281,936
hh_tk_480_210	2,124		1,440	81,200

