Table 4. Physical properties and results of chemical analyses for water from selected wells, springs, and other surface-water sites, Dugway Proving Ground and adjoining area, Utah, 1945-99

[µS/cm, microsiemens per centimeter at 25 degrees Celsius; °C, degrees Celsius; mg/L, milligrams per liter; µg/L, micrograms per liter; —, no data or information; <, less than; e, estimated value]

Well, spring, or surface-water number: See figure 2 for explanation of the numbering system used for hydrologic-data sites in Utah.

Well, spring, or surface-water number	Owner/well or spring name	Date sampled	Specific conductance (µS/cm)	pH (standard units)	Water temperature (°C)	Hardness, total (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Potassium, dissolved (mg/L as K)	Alkalinity (mg/L as CO_3)	Alkalinity (mg/L as HCO_3)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Solids, residue at 180 °C, dissolved (mg/L)	Solids, sum of constituents, dissolved (mg/L)	Nitrogen, NO_2+NO_3, dissolved (mg/L as N)	Phosphate, total (mg/L as PO_4)
(C-5-10)34cba-S1	U.S. Army/Cane Spring group	11-12-71	1,740	7.5	—	460	130	33	140	11	0	310	70	360	0.20	55	1,060	954	—	—
		08-19-98	1,250	7.9	16.5	400	114	28	161	9.8	—	283	61	284	.30e	64	924	861	<.10	<10
(C-7-8)2ccb-1	LDS Church/LDS Church well	08-26-98	1,350	7.5	17.5	330	65	42	127	8.5	—	200	58	243	.50e	28	795	670	.26	—
(C-7-8)6dad-1	U.S. Army/Well 19	10-15-52	1,610	7.5	12.0	410	110	32	180	11	0	210	300	230	.20	48	1,060	1,030	4.29	—
		09-19-57	1,100	7.9	11.0	210	59	15	137	7.5	0	190	58	210	.40	46	641	632	.99	—
		09-06-63	1,450	7.3	—	330	91	25	170	8.9	0	200	180	260	.20	45	924	876	.70	—
(C-7-8)9dca-1	U.S. Army/Well 18	07-31-51	1,290	7.8	13.5	250	70	18	162	12	0	210	130	220	.30	53	778	775	1.92	—
		09-11-56	1,430	7.3	11.5	320	94	21	178	11	0	210	220	220	.20	50	909	904	2.71	—
		09-06-63	1,610	7.5	14.0	370	110	25	199	11	0	210	270	260	.20	46	1,040	1,030	3.39	—
(C-7-8)15bcb-1	U.S. Army/Well 20	07-20-54	1,140	7.5	12.0	210	54	19	146	7.5	0	180	47	240	.50	52	668	658	1.18	—
(C-7-8)15cba-1	U.S. Army/Well 26	07-28-58	1,110	7.7	15.0	250	58	24	125	7.3	0	190	46	230	.60	48	675	632	.77	—
		09-06-63	1,070	7.4	—	220	43	27	134	5.1	0	200	37	220	.30	46	636	613	.45	—
(C-7-8)22adb-2	U.S. Army/Well 27	07-28-58	1,080	7.7	15.0	220	38	29	136	5.4	0	200	39	220	.40	47	627	614	.23	—
		09-06-63	1,090	7.3	—	220	40	28	134	4.9	0	200	36	220	.40	45	627	613	.36	—
		01-12-66	1,100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
(C-7-8)36ccc-1	Castlerock, Inc./Davis well	[1]04-13-99	610	8.1	12.5	140	19	23	65	3.8e	—	150	17	80	.60	48	454	330	3.10	—
(C-7-9)32ccd-1	U.S. Army/Well 5	12-04-45	1,070	7.8	—	240	49	29	122	—	—	220	50	190	.30	47	664	601	.84	—
		12-12-55	1,070	7.3	13.0	230	44	29	130	8.6	0	220	48	200	.20	56	627	629	1.24	—
		09-29-64	1,020	8.0	14.0	230	48	27	131	—	0	230	51	190	.40	44	619	611	1.06	—
(C-7-10)25ccd-1	U.S. Army/Well 1	12-04-45	1,750	7.5	—	190	43	21	288	—	—	260	95	360	.30	50	1,020	989	1.31	—
		10-15-52	1,770	7.9	12.0	180	39	21	300	13	0	260	91	380	.20	47	1,010	1,030	2.06	—
		10-14-58	1,740	7.9	13.0	180	38	20	303	13	0	260	90	390	.30	44	996	1,030	2.01	—
(C-7-10)25ccd-2	U.S. Army/Well 28	10-03-59	1,840	7.8	14.0	160	34	19	323	11	0	260	88	390	.40	48	1,040	1,050	1.85	—
		09-29-64	1,780	7.9	13.5	160	34	19	326	—	0	260	90	400	.20	42	1,040	1,040	1.24	—
(C-7-10)25cdd-1	U.S. Army/Well 2	10-06-54	1,780	7.6	13.5	140	31	15	329	11	0	270	89	380	.50	45	1,020	1,040	1.69	—
		10-07-63	1,720	7.7	14.0	120	31	11	338	—	0	260	100	380	.50	45	996	1,040	1.67	—
(C-7-10)36bab-1	U.S. Army/Well 3	12-04-45	1,790	7.6	—	140	29	16	334	—	—	270	90	390	.50	46	1,040	1,040	.34	—
		12-12-55	1,780	7.7	12.0	150	32	18	314	13	0	270	89	380	.40	54	1,030	1,040	2.15	—
		09-29-65	1,820	8.5	14.0	150	32	16	333	—	16	240	84	390	.70	42	1,090	1,040	1.18	—
(C-7-11)26daa-1	U.S. Army/Well 17	10-15-52	4,690	8.2	—	130	25	16	949	47	0	160	52	1,500	.60	31	—	2,590	.09	—
(C-7-11)26dad-1	U.S. Army/Well 16	11-03-53	3,500	7.9	20.0	190	37	24	620	35	0	170	91	970	.50	66	1,930	1,930	.07	—
(C-7-13)34adc-1	U.S. Army/Well 10	03-28-50	2,990	7.2	—	290	72	26	514	13	0	240	140	760	3.2	20	1,670	1,670	.38	—
		10-03-59	4,440	7.5	18.5	550	150	44	739	6.9	0	240	240	1,200	4.0	16	2,600	2,500	1.60	—
		04-03-75	3,290	7.7	14.0	360	93	32	540	7.0	0	240	160	850	2.6	19	1,850	1,830	.60	.06
(C-8-9)5bba-1	U.S. Army/Well 4	11-04-53	1,150	8.6	13.0	110	18	16	191	30	16	200	21	240	.70	34	668	669	.04	—
(C-8-9)9acb-1	U.S. Army/Well 29	[2]06-24-99	990	7.4	17.0	310	67	35	77	3.5	—	180	48	157	.30 e	25	562	502	1.60	—
(C-8-10)10dda-1	U.S. Army/Well 7	07-31-51	1,500	7.8	15.5	290	54	38	176	18	0	230	57	330	.40	56	877	847	1.31	—
		09-11-56	1,480	7.4	15.5	300	59	38	178	19	0	230	70	330	.30	49	864	858	1.33	—
(C-8-13)3dad-S1	U.S. Army/Stagecoach Canyon Spring	03-28-50	1,560	7.5	—	300	85	22	202	10	0	220	72	350	2.0	20	—	871	.14	—
		[2]04-13-99	1,090	8.1	9.0	220	63	15	131	2.6e	—	160	47	220	1.8	16	607	572	.31e	—
(C-9-7)11cdd-S1	U.S. Forest Service/Copper Spring	08-12-64	576	7.6	—	210	56	18	43	.50	0	270	25	49	.10	5.5	338	331	.32	—
(C-9-7)28bca	—/Government Creek	07-17-64	572	8.0	28.5	170	42	16	54	1.7	0	180	26	81	.30	16	325	330	.11	—
(C-9-7)28bca-S1	—/—	07-17-64	898	7.7	18.0	320	85	26	68	2.0	0	340	30	110	.10	23	528	519	.41	—
(C-9-7)28cac-S1	—/—	07-17-64	790	7.9	18.0	280	78	21	59	1.9	0	310	30	95	.30	22	465	461	.45	—
(C-9-7)31dbb-S1	Bureau of Land Management/—	07-15-64	343	9.1	26.0	99	14	16	36	.60	10	95	18	45	.30	5.7	186	194	.02	—
(C-9-7)35b-S	Wright Ranch/—	07-20-64	421	7.6	19.0	160	50	8.0	28	2.8	0	190	17	38	.10	14	264	252	.07	—
[3](C-9-8)15db-S1	Bureau of Land Management/Winter Spring Group	07-20-64	581	7.3	—	172	51	11	57	1.2	0	220	17	69	.10	12	324	333	.45	—
		06-29-99	600	7.4	—	170	52	10	57	.9e	—	190	16	57	.40e	15	338	—	.24	—
(C-9-8)18adb-S1	Bureau of Land Management/Simpson Spring	02-21-73	1,100	7.4	—	280	85	16	120	2.3	0	310	34	180	.40	15	—	606	.24	.03
(C-9-8)18adc-S1	Bureau of Land Management/Simpson Spring	06-28-99	1,130	7.1	19.0	280	84	17	120	3.3	—	270	33	160	.30e	17	658	571	.26	—
(C-9-8)34dcd-S1	Bureau of Land Management/Indian Spring Group	[1]09-08-98	570	7.3	14.0	220	53	22	30	.8e	—	234	17	35	.30e	13	315	—	<.10	—
(C-9-9)28dac	—/South Simpson Reservoir	07-28-64	1,750	7.6	19.5	130	29	15	341	25	0	470	50	330	.50	25	1,070	1,050	.56	—
(C-9-10)6bdd-1	U.S. Army/Old River Bed observation well	[2]05-27-99	2,920	7.4	15.5	480	98	56	392	16	—	248	85	735	.40e	39	1,570	1,540	<.10	—
(C-9-10)21ddb	—/unnamed reservoir	09-01-64	2,120	8.1	13.5	82	13	12	448	21	0	660	160	290	2.2	13	1,330	1,290	.16	—
(C-9-11)1ddb-1	U.S. Army/Well 22	09-24-64	1,940	7.7	15.5	460	88	58	286	—	0	270	97	540	.40	31	1,240	1,230	—	—
(C-9-11)19acc-1	U.S. Air Force/MX observation well	[2]03-29-99	5,260	7.8	15.0	510	81	74	894	34	—	210	105	1,380	.80e	39	3,100	2,710	<.10	—
(C-9-11)33ccb-1	Bureau of Land Management/Fandangle well	12-29-65	16,200	7.3	19.5	1,600	410	145	2,820	270	0	250	160	5,500	2.0	28	10,200	9,500	.81	.01
(C-9-12)25cba-1	Bureau of Land Management/Bullion Canyon well	[2]04-06-99	5,340	7.5	16.0	910	140	135	833	29	—	110	165	1,480	.60e	24	3,200	2,870	3.40	—
(C-10-7)5-S	—/unnamed reservoir	08-12-64	492	7.9	18.5	160	40	16	43	1.1	0	210	14	54	.20	8.4	286	283	.02	—
(C-10-7)8cac-S1	Bureau of Land Management/Cherry Spring	07-17-64	664	7.6	—	250	60	25	44	4.3	0	300	26	60	.40	13	379	384	.07	—
(C-10-7)8cad-S1	Bureau of Land Management/Cherry Spring	07-17-64	566	7.8	10.0	230	55	22	35	.90	0	270	22	47	.00	11	318	326	.23	—
(C-10-7)17a-S	Bureau of Land Management/—	08-19-64	588	7.9	15.0	200	61	13	48	.60	0	260	19	58	.20	16	345	345	.25	—
(C-10-7)17bab-S1	Bureau of Land Management/—	07-17-64	746	7.4	—	280	69	27	53	1.2	0	330	28	75	.40	16	428	435	.02	—
(C-10-8)2dba-S1	State of Utah/—	07-15-64	698	7.6	9.5	280	70	27	46	.70	0	350	28	55	.30	16	409	416	.04	—
(C-10-8)4abb-S1	Bureau of Land Management/Indian Spring group	07-20-64	732	7.7	10.5	310	77	28	46	1.2	0	360	39	54	.30	13	426	437	.04	—
(C-10-8)20aca-S1	Bureau of Land Management/Burnt Spring	07-22-64	1,130	7.8	15.5	340	81	34	117	.60	0	350	110	150	.20	16	681	673	.02	—
(C-10-8)23cdc-S1	—/—	08-19-64	514	7.9	13.5	190	51	15	34	1.2	0	160	53	54	.20	10	312	301	—	—
(C-10-8)26cbc-S1	—/—	08-19-64	542	7.6	14.0	170	50	12	47	1.2	0	170	47	64	.10	9.4	334	316	—	—
(C-10-8)28cbb-S1	Bureau of Land Management/—	07-22-64	825	7.5	15.5	260	78	15	75	1.3	—	230	76	110	.40	12	490	485	.32	—
(C-10-8)33bbb-S1	Bureau of Land Management/Six Mile Spring	07-22-64	1,010	7.5	15.5	310	92	19	91	1.6	0	230	83	170	.20	13	607	580	.32	—
(C-10-8)34add-S1	—/Spring pond outflow	08-19-64	533	7.6	15.0	190	54	12	45	1.2	0	210	47	49	.30	13	334	324	.29	—
(C-10-8)35dca	—/unnamed SW site	08-19-64	953	7.6	15.0	330	110	13	76	1.7	0	260	120	120	.20	11	601	583	.04	—
(C-10-9)8ccc-1	Bureau of Land Management/Riverbed Trail well	12-24-64	1,550	7.6	15.5	410	100	37	155	10	0	200	82	360	.50	38	999	890	.74	—
		[1]08-17-98	1,620	7.4	16.5	380	91	37	154	9.0	—	142	76	360	.40e	42	916	841	1.90	—
(C-10-9)21acc-1	C.A. Snarr/Snarr well	08-08-71	1,360	8.2	—	350	82	36	140	8.0	2	190	71	290	.30	37	—	788	.68	.10
(C-10-10)2dcc-1	Fenn Brothers/West well	09-18-74	2,050	—	18.0	370	87	38	250	24	—	210	92	490	.50	38	—	1,130	3.0	—
(C-10-10)23cab	—/North Table Mountain Reservoir	07-28-64	874	7.8	21.5	120	33	10	137	29	0	370	19	99	.30	20	545	530	.43	—
(C-10-10)31bbb-1	Bureau of Land Management/Fera 38 well	12-29-65	6,230	7.4	24.5	400	110	34	1,060	.11	0	200	61	1,900	2.1	45	3,590	3,400	1.85	.10
		[2]04-06-99	6,160	7.5	27.0	460	120	38	1,060	.11	—	160	63	1,700	1.5e	51	3,440	3,180	2.30	—
(C-11-8)12bab-S1	Bureau of Land Management/Antelope Spring	12-13-83	2,450	7.5	13.0	750	210	54	200	2.7	—	—	260	500	1.1	15	—	1,360	<.10	—
(C-11-8)12bab-S2	Bureau of Land Management/Antelope Spring	08-19-64	1,850	7.9	17.0	580	160	45	160	2.5	0	130	240	410	1.3	14	1,240	1,090	.07	—
(C-11-8)12bac-S1	Bureau of Land Management/—	12-13-83	2,450	7.5	13.0	750	210	54	200	2.7	—	—	260	500	1.1	15	—	1,300	<.10	—
(C-11-8)18dcb-1	Sainsbury, Brent E./South well	08-04-64	1,190	7.5	17.0	372	97	32	93	4.2	0	194	70	252	.3	29	780	676	.18	—
(C-11-9)1bca-1	Sainsbury, Brent E./North well	07-22-64	983	7.4	—	330	86	29	72	3.6	0	190	65	180	.10	28	633	573	3.16	—
(C-11-9)1cdb-1	Sainsbury, Brent E./Middle well	07-22-64	1,420	7.3	16.0	440	120	37	110	5.5	0	200	120	290	.20	31	965	815	1.31	—
		[1]08-04-98	1,670	7.7	17.0	490	123	44	129	5.6	—	154	107	380	.30e	34	1,080	900	2.80	—
(C-11-10)5abb	—/East Dugway Reservoir	07-28-64	749	7.6	23.5	130	36	10	121	11	0	190	170	43	.80	33	529	525	.07	.06
(C-11-10)34dcd-S1	Bureau of Land Management/Flint Spring	09-01-64	3,370	7.4	—	1,000	310	61	293	8.3	0	120	160	980	1.1	30	2,300	1,910	.25	—
(C-11-11)12aba-1	Bureau of Land Management/Dugway-Topaz well	04-09-57	17,800	7.0	37.0	1,500	460	88	3,340	92	0	300	130	6,000	2.4	32	10,400	10,300	.18	.05
		12-24-64	9,030	8.2	—	660	180	53	1,680	140	0	250	95	3,000	2.7	28	5,470	5,280	1.42	—
		[1]08-17-98	8,680	7.2	36.5	570	150	48	1,510	140	—	190	93	2,780	2.7	32	4,940	4,850	2.0	—
(C-12-9)8bbc-S1	Bureau of Land Management/Keg Spring	07-30-64	3,220	7.4	28.0	1,000	230	112	271	4.3	0	190	150	920	.10	16	2,130	1,810	.25	—

Well, spring, or surface-water number	Aluminum, dissolved (µg/L as Al)	Antimony, dissolved (µg/L as Sb)	Arsenic, dissolved (µg/L as As)	Barium, dissolved (µg/L as Ba)	Beryllium, dissolved (µg/L as Be)	Boron, dissolved (µg/L as B)	Cadmium, dissolved (µg/L as Cd)	Chromium, dissolved (µg/L as Cr)	Cobalt, dissolved (µg/L as Co)	Copper, dissolved (µg/L as Cu)	Iron, total recoverable (µg/L as Fe)	Iron, dissolved (µg/L as Fe)	Lead, dissolved (µg/L as Pb)	Lithium, dissolved (µg/L as Li)	Manganese, dissolved (µg/L as Mn)	Mercury, dissolved (µg/L as Hg)	Molybdenum, dissolved (µg/L as Mo)	Nickel, dissolved (µg/L as Ni)	Selenium, dissolved (µg/L as Se)	Silver, dissolved (µg/L as Ag)	Strontium, dissolved (µg/L as Sr)	Thallium, dissolved (µg/L as Tl)	Titanium, dissolved (µg/L as Ti)	Vanadium, dissolved (µg/L as V)	Zinc, dissolved (µg/L as Zn)
(C-5-10)34cba-S1	—	—	—	—	—	—	—	—	—	—	—	20	—	—	40	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	<100	<3	37e	15	<1.1	<20	<40	23	<10	—	<1	—	4.3e	<20
(C-7-8)2ccb-1	<100	<10	<10	110	<2.0	190	<5	<10	<10	<20	—	<100	<3	84	32	<1.1	6.4e	<40	8.9	<10	—	.35e	—	<10	<20
(C-7-8)6dad-1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	20	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	190	—	—	—	—	—	20	—	300	—	—	—	—	—	—	—	1,000	—	—	50
(C-7-8)9dca-1	—	—	—	—	—	—	—	—	—	—	—	60	—	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	220	—	—	—	40	—	30	—	200	—	—	—	—	—	—	—	1,100	—	—	150
(C-7-8)15bcb-1	—	—	—	—	—	200	—	—	—	—	190	30	—	—	—	—	—	—	—	—	—	—	—	—	—
(C-7-8)15cba-1	—	—	—	—	—	—	—	—	—	—	20	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	150	—	—	—	—	—	100	20	300	—	—	—	—	—	—	—	200	—	—	50
(C-7-8)22adb-2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	140	—	—	—	—	—	500	40	300	—	—	—	—	—	—	—	—	—	—	150
	51	—	—	—	<.57	—	<1.4	<1.4	<1.4	20	20	—	<1.4	—	<1.4	—	<.29	<2.5	—	—	—	—	<1	17	40
(C-7-8)36ccc-1	53e	<10	14	200	1.2e	160	<5	<10	<10	<20	—	10e	1.3e	63	1.9e	<.2	<20	<40	<5	<10	—	<1	—	14	<20
(C-7-9)32ccd-1	—	—	—	—	—	—	—	—	—	—	—	10	—	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	100	20	—	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
(C-7-10)25ccd-1	—	—	—	—	—	—	—	—	—	—	—	10	—	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	460	90	—	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
(C-7-10)25ccd-2	—	—	—	—	—	—	—	—	—	—	100	50	—	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
(C-7-10)25cdd-1	—	—	—	—	—	—	—	—	—	—	110	80	—	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
(C-7-10)36bab-1	—	—	—	—	—	—	—	—	—	—	—	10	—	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	90	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
(C-7-11)26daa-1	—	—	—	—	—	—	—	—	—	—	590	70	—	—	—	—	—	—	—	—	—	—	—	—	—
(C-7-11)26dad-1	—	—	—	—	—	—	—	—	—	—	70	50	—	—	—	—	—	—	—	—	—	—	—	—	—
(C-7-13)34adc-1	—	—	—	—	—	80	—	—	—	—	—	130	—	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	1,900	40	—	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	150	—	—	10	—	—	—	—	—	—	—	—	—	—
(C-8-9)5bba-1	—	—	—	—	—	—	—	—	—	—	180	70	—	—	—	—	—	—	—	—	—	—	—	—	—
(C-8-9)9acb-1	36e	<10	<10	70	<5	99e	<5	<10	<10	<10	—	<100	<3	44	8.1e	<.2	<20	<40	—	<10	—	.030	—	3.4e	<20
(C-8-10)10dda-1	—	—	—	—	—	—	—	—	—	—	280	10	—	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
(C-8-13)3dad-S1	—	—	—	—	—	80	—	—	—	—	—	50	—	—	—	—	—	—	—	—	—	—	—	—	—
	49e	<10	<10	40	1.0e	120	<5	<10	<10	<20	—	<100	<3	47e	<10	<.2	<20	<40	<5	<10	—	<1	—	<10	<20
(C-9-7)11cdd-S1	—	—	—	—	—	90	—	—	—	—	—	—	10	—	—	—	—	—	—	—	—	—	—	—	—
(C-9-7)28bca	—	—	—	—	—	60	—	—	—	10	—	220	—	—	10	—	—	—	—	—	—	—	—	—	120
(C-9-7)28bca-S1	—	—	—	—	—	120	—	—	—	—	—	90	—	—	—	—	—	—	—	—	—	—	—	—	80
(C-9-7)28cac-S1	—	—	—	—	—	100	—	—	—	10	—	110	—	—	30	—	—	—	—	—	—	—	—	—	120
(C-9-7)31dbb-S1	—	—	—	—	—	60	—	—	—	—	—	550	—	—	10	—	—	—	—	—	—	—	—	—	30
(C-9-7)35b-S	—	—	—	—	—	60	—	—	—	—	—	110	—	—	10	—	—	—	—	—	—	—	—	—	80
(C-9-8)15db-S1	—	—	—	—	—	50	—	—	—	20	—	250	—	—	10	—	—	—	—	—	—	—	—	—	2,000
	83e	<10	10	142	1.2e	80e	<5	<10	<10	2.8e	—	<100	<3	19	<10	<.2	<20	<40	<5	<10	—	<1	—	3.4e	40
(C-9-8)18adb-S1	—	—	—	—	—	—	—	—	—	—	—	30	—	—	—	—	—	—	—	—	—	—	—	—	—
(C-9-8)18adc-S1	48e	<10	3.7e	180	<5	120	<5	<10	<10	3.5e	—	10e	<3	37	1.1e	<.2	<20	<40	<5	<10	—	.03e	—	3.6e	17e
(C-9-8)34dcd-S1	<100	<10	<10	44	<2.0	50e	<5	<10	<10	<20	—	<100	<3	15e	<10	<1.1	<20	<40	<5	<10	—	<1	—	<10	<20
(C-9-9)28dac	—	—	—	—	—	560	—	—	—	20	—	100	40	—	40	—	—	—	—	—	1,000	—	—	—	70
(C-9-10)6bdd-1	74e	<10	21	140	<2.0	250	<5	<10	<10	1.3e	—	310	<3	260	230	<.2	<20	<40	<5	<10	—	<1	—	<10	3.9e
(C-9-10)21ddb	—	—	—	—	—	1,100	—	—	—	30	—	1,400	10	—	10	—	—	—	—	—	100	—	—	—	160
(C-9-11)1ddb-1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
(C-9-11)19acc-1	63e	<10	<10	100	<2.0	600	<5	<10	<10	<20	—	300	<3	720	170	<.2	<20	<40	<5	<10	—	<1	—	<10	<20
(C-9-11)33ccb-1	103	—	—	—	<.57	1,000	<1.4	<1.4	17	30	<200	9,600	170	2,800	220	—	<.29	5.4	—	—	12,000	—	<0	5.0	2,700
(C-9-12)25cba-1	<100	5.0e	7.9e	37	1.5e	330	<5	<10	<10	1.9e	—	26e	<3	410	<10	<.2	<20	<40	<5	3.2e	—	.07e	—	4.1e	170
(C-10-7)5-S	—	—	—	—	—	80	—	—	—	—	—	80	—	—	20	—	—	—	—	—	—	—	—	—	10
(C-10-7)8cac-S1	—	—	—	—	—	80	—	—	—	—	—	90	10	—	10	—	—	—	—	—	—	—	—	—	70
(C-10-7)8cad-S1	—	—	—	—	—	20	—	—	—	—	—	80