

## INDEX

- A**
- Access to USGS Water Data ..... 26
- Accuracy of, field data and computed results..... 18  
the records ..... 21
- Acid neutralizing capacity, definition of ..... 27
- Acre-foot, definition of ..... 27
- Adenosine triphosphate, definition of ..... 27
- Adjusted discharge, definition of ..... 27
- Algae, blue-green, definition of ..... 28  
fire, definition of ..... 33  
green, definition of ..... 33
- Algal growth potential, definition of ..... 27
- Alkalinity, definition of ..... 27
- Analyses of samples collected at,  
Coeur d'Alene Lake sites ..... 438  
water-quality partial-record stations  
and miscellaneous sites ..... 456
- Annual runoff, definition of ..... 27
- Annual 7-day minimum, definition of ..... 27
- Aroclor, definition of ..... 27
- Arrangement of records, surface-water-quality ..... 22
- Artificial substrate, definition of ..... 27
- Ash mass, definition of ..... 28
- Aspect, definition of ..... 28
- B**
- Bacteria, definition of ..... 28
- Bankfull stage, definition of ..... 28
- Base discharge (for peak discharge), definition of ..... 28
- Base flow, definition of ..... 28
- Bear Lake at Lifton, near St. Charles ..... 63
- Bear Lake Outlet Canal near Paris ..... 64
- Bear River, at Alexander ..... 67  
at Border, WY ..... 61  
at Idaho-Utah State Line ..... 69  
at Pescadero ..... 65  
at Soda Springs ..... 66  
below Utah Power & Light Co. tailrace, at Oneida ..... 68
- Bear River basin, discharge at low-flow sites in ..... 433  
gaging station records in ..... 61  
reservoir in ..... 63  
schematic showing gaging stations in ..... 60
- Bed material, definition of ..... 28
- Bedload, definition of ..... 28  
discharge, definition of ..... 28
- Benthic organisms, definition of ..... 28
- Big Boulder Creek near Clayton ..... 360
- Big Lost River, above Big Lost River Sinks near Howe ..... 275  
at Howell Ranch near Chilly ..... 267  
at Lincoln Boulevard bridge, near Atomic City ..... 274  
below INL diversion, near Arco ..... 273  
below Mackay Reservoir, near Mackay ..... 269  
near Arco ..... 270  
North Fork, at Wild Horse, near Chilly ..... 266
- Big Wood River, at Hailey ..... 278  
below Magic Dam, near Richfield ..... 282  
at Stanton Crossing near Bellevue ..... 279
- Big Wood River basin, discharge at low-flow  
partial-record sites in ..... 436
- Biochemical oxygen demand, definition of ..... 28
- Biomass, definition of ..... 28  
pigment ratio, definition of ..... 28
- Blackfoot River Bypass and Blackfoot River near Blackfoot,  
Combination ..... 217
- Blackfoot River, above reservoir near Henry ..... 208  
Bypass near Blackfoot ..... 212  
near Blackfoot ..... 213  
near Shelley ..... 211
- Blackfoot River basin, discharge at low-flow  
partial-record site in ..... 435  
gaging station records in ..... 208
- Blank samples, explanation of ..... 25
- Blue-green algae, definition of ..... 28
- Blue Lakes Spring, near Twin Falls ..... 245  
below pumping plant near Twin Falls ..... 244
- Blue Lakes Spring basin, gaging-stations records in ..... 244
- Boise River, at Glenwood Bridge near Boise ..... 319  
diversions from, between gaging stations  
at Glenwood Bridge and near Parma ..... 321  
diversions from, between gaging stations  
near Boise and at Glenwood Bridge ..... 318  
near Boise ..... 315  
near Parma ..... 322  
near Twin Springs ..... 310  
South Channel at Eagle ..... 320  
South Fork, at Anderson Ranch Dam ..... 312  
near Featherville ..... 311
- Boise River basin, discharge at  
miscellaneous sites in ..... 431  
gaging-station records in ..... 310  
reservoir in ..... 314  
schematic diagram showing gaging stations in ..... 307
- Bottom material: -- see Bed material.
- Boundary Creek near Porthill ..... 79
- Box Canyon Springs near Wendell ..... 255
- Box Canyon Springs basin, gaging-station records in ..... 255
- Briggs Spring at head, near Buhl ..... 254
- Briggs Spring basin, gaging-station records in ..... 254
- Brownlee Reservoir at Brownlee Dam, Idaho-Oregon  
State Line ..... 347
- Bruneau River, near Hot Spring ..... 303  
at Rowland, NV ..... 301
- Bruneau River basin, gaging-stations records in ..... 301
- Bruneau-Jarbidge River basins, discharge at  
miscellaneous site in ..... 431
- Bruno Creek near Clayton ..... 358
- Buffalo Fork above Lava Creek, near Moran, WY ..... 154
- Buffalo Fork basin, gaging-station records in ..... 154
- Bulk electrical conductivity, definition of ..... 29
- C**
- C.J. Strike Reservoir near Grand View ..... 304
- Cache Creek near Jackson, WY ..... 165
- Camas Creek, at Camas ..... 262  
near Blaine ..... 280
- Camas Creek basin, discharge at low-flow  
partial-record site in ..... 436
- Camas Creek diversion above Lone Tree Reservoir  
near Dubois ..... 261
- Canadian Geodetic Vertical Datum of 1928,  
definition of ..... 29
- Canyon Creek at Oregon Trail Crossing  
near Mountain Home ..... 299
- Canyon Creek basin, gaging-station records in ..... 299
- Canyon Creek near Leadore ..... 370
- Cell volume (biovolume), definition of ..... 29
- Cells/volume, definition of ..... 29
- Cfs-day: --see Cubic feet per second-day.
- Channel bars, definition of ..... 29
- Chemical oxygen demand, definition of ..... 29
- Clark Fork, at Whitehorse Rapids, near Cabinet ..... 89  
below Cabinet Gorge Dam near Cabinet ..... 86
- Classification of surface-water-quality records ..... 21
- Clearwater River, at Orofino ..... 407  
at Spalding ..... 421  
near Peck ..... 412  
North Fork, near Canyon Ranger Station ..... 409  
South Fork, at Stites ..... 402  
near Elk City ..... 400
- Clearwater River basin, discharge at  
miscellaneous sites in ..... 432  
gaging-station records in ..... 395  
reservoir in ..... 411  
schematic diagram showing gaging stations in ..... 394
- Clostridium perfringens*, definition of ..... 29
- Coeur d'Alene Lake at Coeur d'Alene ..... 146
- Coeur d'Alene Lake sites, analyses of samples  
collected at ..... 438
- Coeur d'Alene River, at Cataldo ..... 134  
near Harrison ..... 136  
North Fork, above Shoshone Creek near Prichard ..... 100  
at Enaville ..... 101  
South Fork, at Elizabeth Park near Kellogg ..... 104  
at Kellogg ..... 106

## INDEX

- Coeur d'Alene River--Continued  
  at Smelterville .....110  
  near Pinehurst .....129  
Coliphages, definition of ..... 29  
Collection and examination of data .....20  
Color unit, definition of ..... 29  
Comparative basin precipitation and streamflow data,  
  table of ..... 4  
Comparative reservoir storage data, table of ..... 4  
Confined aquifer, definition of ..... 29  
Contents, definition of .....29  
Continuous-record station, definition of .....30  
Control, definition of .....30  
Control structure, definition of .....30  
Cooperation ..... 2  
Cottonwood Creek below Fivemile Creek near Boise .....317  
Crane Creek at mouth near Weiser .....343  
Cubic foot, per second, definition of .....30  
  per second-day, definition of .....30  
  per second per square mile, definition of .....30
- D**
- Daily mean suspended sediment concentration,  
  definition of ..... 30  
Daily mean values, data table of, explanation of ..... 15  
Daily record station, definition of ..... 30  
Data collection and computation of,  
  precipitation records ..... 19  
  stage- and water-discharge records ..... 13  
Data collection platform (DCP), definition of ..... 30  
Data logger, definition of ..... 30  
Data presentation of  
  precipitation records ..... 19  
  stage- and water-discharge records ..... 14  
  surface-water-quality records ..... 23  
Data table of daily mean values, explanation of ..... 15  
Datum, definition of ..... 30  
  North American, definition  
    of 1927 (NAD27) ..... 37  
    of 1983 (NAD83) ..... 37  
    Vertical, of 1988 (NAVD88) ..... 37  
Deadwood River below Deadwood Reservoir,  
  near Lowman .....330  
Definition of terms ..... 27  
Devils Washbowl Spring near Kimberly .....241  
Devils Washbowl Spring basin, gaging-station  
  records in ..... 241  
Diatoms, definition of ..... 30  
Diel, definition of ..... 30  
Discharge, at low-flow partial-record sites .....433  
  at miscellaneous sites ..... 426  
  or flow, definition of ..... 30  
  during 2005 water year compared with median  
  discharge for period 1971-2000 for four representative  
  gaging stations, graphs of ..... 5  
  instantaneous, definition of ..... 34  
  mean, definition of ..... 35  
  total, definition of ..... 44  
  total sediment, definition of ..... 44  
Discontinued,  
  Surface-Water Discharge or Stage-Only Stations ..... xvii  
  Surface-Water-Quality Stations ..... xxxvii  
Dissolved, definition of ..... 31  
Dissolved oxygen, definition of ..... 31  
Dissolved solids concentration, definition of ..... 31  
Diversions from Boise River between gaging stations,  
  at Glenwood Bridge and near Parma .....321  
  near Boise and at Glenwood Bridge .....318  
Diversions from Malad River, discharge at  
  miscellaneous sites in .....431  
Diversity index, definition of ..... 31  
Downstream order and station number ..... 8  
Drainage area, definition of ..... 31  
Drainage basin, definition of ..... 31  
Dry Bed near Ririe .....174  
Dry mass, definition of ..... 31  
Dry weight, definition of ..... 31  
Dworshak Reservoir near Ahsahka .....411
- E**
- Embeddedness, definition of ..... 31  
Enterococcus bacteria, definition of ..... 31  
EPT index, definition of ..... 32  
*Escherichia coli* (*E. coli*), definition of ..... 32  
Estimated daily discharges, identifying ..... 18  
Estimated (E) value, definition of ..... 32  
Euglenoids, definition of ..... 32  
Explanation of,  
  precipitation records ..... 19  
  stage- and water-discharge records ..... 13  
  surface-water-quality records ..... 21  
  water-quality records ..... 20  
Extractable organic halides, definition of ..... 32
- F**
- Falls River, above Yellowstone Canal near Squirrel ..... 181  
  near Ashton ..... 184  
  near Chester ..... 185  
  near Squirrel ..... 182  
Fecal coliform bacteria, definition of ..... 32  
Fecal streptococcal bacteria, definition of ..... 32  
Field data and computed results, accuracy of ..... 18  
Filtered, definition of ..... 32  
  recoverable, definition of ..... 32  
Fire algae, definition of ..... 33  
Fish Creek at Wilson WY ..... 164  
Fish Creek basin, gaging stations in ..... 163  
Flat Creek basin, gaging-station records in ..... 165  
Flat Creek below Cache Creek near Jackson, WY ..... 166  
Flow. -- see Discharge.  
Flow-duration percentiles, definition of ..... 33
- G**
- Gage datum, definition of ..... 33  
Gage height, (Stage), definition of ..... 33  
Gage values, definition of ..... 33  
Gaging station, definition of ..... 33  
Gas chromatography/flare ionization  
  detector, definition of ..... 33  
Geomorphic channel units, definition of ..... 33  
Goose Creek above Trapper Creek, near Oakley ..... 232  
Goose Creek basin, discharge at low-flow partial-record  
  site in ..... 436  
  gaging-station records in ..... 232  
  reservoir in ..... 234  
Granite Creek above Granite Creek Supplemental  
  near Moose, WY ..... 163  
Grays Lake Outlet near Herman ..... 198  
Great Western Canal Spillback near Idaho Falls ..... 195  
Green algae, definition of ..... 33  
Greys River above Reservoir, near Alpine, WY ..... 169  
Greys River basin, gaging-station record in ..... 169  
Gros Ventre River at Zenith, WY ..... 162  
Gros Ventre River basin, gaging station records in ..... 162  
Ground-water conditions, summary of ..... 7
- H**
- Habitat, definition of ..... 33  
Habitat quality index, definition of ..... 33  
Hardness, definition of ..... 34  
Hayden Lake at Hayden Lake ..... 147  
Henrys Fork, at St. Anthony ..... 186  
  near Ashton ..... 179  
  near Island Park ..... 178  
  near Lake ..... 177  
  near Rexburg ..... 193  
Henrys Fork basin, discharge at low-flow  
  partial-record sites in ..... 435  
  gaging-station records in ..... 176  
  reservoir in ..... 176  
Henrys Lake near Lake ..... 176  
High tide, definition of ..... 34

## INDEX

- Hilsenhoff's biotic index (HBI), definition of..... 34  
Horizontal datum. -- see Datum.  
Hydrologic benchmark, network, explanation of ..... 11  
Hydrologic conditions, summary of ..... 3  
Hydrologic index stations, definition of ..... 34  
Hydrologic unit, definition of..... 34
- I**
- Idaho well-numbering system ..... 9  
    diagram showing ..... 10  
Identifying estimated daily discharges ..... 18  
Inch (IN., in.), definition of ..... 34  
INL Diversion, at head near Arco.....271  
    at outlet of Spreading Area A near Arco .....272  
Instantaneous discharge, definition of ..... 34  
International Boundary Commission Survey Datum,  
    definition of ..... 34  
Introduction ..... 1  
Island, definition of..... 34
- J**
- Jarbidge (Bruneau-) River basins, discharge at  
    miscellaneous site in .....431  
Jarbidge River below Jarbidge, NV .....302  
Johnson Creek at Yellow Pine .....381
- K**
- Kootenai River, at Bonners Ferry ..... 76  
    at Klockmann Ranch, near Bonners Ferry ..... 78  
    at Leonia ..... 72  
    at Porthill ..... 80  
    at Tribal Hatchery near Bonners Ferry ..... 77  
Kootenai River basin,  
    gaging-station records in ..... 71  
    reservoir in ..... 84  
    schematic diagram showing  
        gaging stations in ..... 60  
Kootenay Lake at Kuskonook, British Columbia ..... 84
- L**
- Laboratory Reporting Level, definition of ..... 34  
Laboratory measurements for:  
    Surface-water-quality records ..... 23  
Lake Fork Payette River above Jumbo Creek  
    near McCall ..... 335  
Lakes and Reservoirs:  
    Bear Lake at Lifton, near St. Charles ..... 63  
    Brownlee Reservoir at Brownlee Dam, Idaho-Oregon  
        State Line ..... 347  
    C.J. Strike Reservoir near Grand View ..... 304  
    Coeur d'Alene Lake at Coeur d'Alene ..... 146  
    Dworshak Reservoir near Ahsahka ..... 411  
    Hayden Lake at Hayden Lake ..... 147  
    Henrys Lake near Lake ..... 176  
    Kootenay Lake at Kuskonook, British Columbia ..... 84  
    Little Wood Reservoir near Carey ..... 284  
    Lucky Peak Lake near Boise ..... 314  
    Mackay Reservoir near Mackay ..... 268  
    Magic Reservoir near Richfield ..... 281  
    Milner Lake at Milner Dam ..... 236  
    Mud Lake near Terreton ..... 263  
    Oakley Reservoir near Oakley ..... 234  
    Payette Lake at McCall ..... 333  
    Lake Pend Oreille near Hope ..... 91  
    Priest Lake at Outlet, near Coolin ..... 92  
    Salmon River Canal Co. Reservoir near Rogerson ..... 258  
Land-surface datum, definition of ..... 34  
Latent heat flux, definition of ..... 34  
Lemhi River, at Leadore..... 369  
    near Lemhi..... 371  
    below L5 diversion ..... 374  
Light-attenuation coefficient, definition of ..... 34  
Lightning Creek at Clark Fork ..... 90  
Lipid, definition of..... 35  
Little Lost River below Wet Creek, near Howe..... 265  
Little Salmon River at Riggins ..... 382  
Little Wood Reservoir near Carey..... 284  
Little Wood River, above High Five Creek, near Carey..... 283  
    near Carey ..... 285  
Little Wood River basin, discharge at  
    low-flow partial-record site in ..... 436  
    miscellaneous site in ..... 430  
Lochsa River near Lowell ..... 399  
Lolo Creek near Greer ..... 406  
Long-term method detection level, definition of ..... 35  
Lost River-Mud Lake basins  
    See Mud Lake-Lost River basins  
Low tide, definition of ..... 35  
Lower Milner Power Plant at Milner ..... 235  
Lucky Peak Lake near Boise ..... 314
- M**
- Mackay Reservoir near Mackay ..... 268  
Macrophytes, definition of ..... 35  
Magic Reservoir near Richfield ..... 281  
Malad River, near Bliss ..... 288  
    near Gooding ..... 287  
Malad River basin, discharge at low-flow  
    partial-record sites in ..... 433  
    discharge at miscellaneous sites in ..... 431  
    gaging-station records in ..... 278  
    reservoirs in ..... 281, 284  
Malheur River basin, gaging station records in ..... 325  
    schematic diagram showing gaging stations in ..... 307  
Malheur River below Nevada Dam near Vale, OR ..... 325  
Manuscript, station, explanation of ..... 14  
Maps, explanation of..... 51  
    showing locations of surface-water and  
        water-quality stations ..... 52  
Marsh Creek near McCammon ..... 220  
McCalley Dam Outflow at Mountain Home AFB ..... 300  
Mean concentration of suspended sediment, definition of ..... 35  
Mean discharge, definition of ..... 35  
Mean high or low tide, definition of ..... 35  
Mean sea level, definition of ..... 35  
Measuring point, definition of ..... 35  
Medicine Lodge Creek near Small ..... 264  
Megahertz, definition of ..... 35  
Membrane filter, definition of ..... 35  
Metamorphic stage, definition of ..... 35  
Method code, definition of ..... 35  
Method detection limit, definition of ..... 35  
Method of Cubatures, definition of ..... 36  
Methylene blue active substances (MBAS), definition of..... 36  
Micrograms, per gram, definition of..... 36  
    per kilogram, definition of ..... 36  
    per liter, definition of ..... 36  
Microsiemens per centimeter, definition of..... 36  
Milligrams per liter, definition of ..... 36  
Milner Lake at Milner Dam ..... 236  
Minimum reporting level, definition of ..... 36  
Miscellaneous site, definition of ..... 36  
Miscellaneous sites,  
    discharge at partial-record stations and ..... 426  
    numbering system for wells and ..... 9  
Monthly mean data, statistics of, explanation of..... 16  
Moose Creek at mouth near Moose Creek  
    Ranger Station ..... 396  
Morgan Creek, above WF Morgan Creek near Challis ..... 361  
    above Sage Creek near Challis ..... 362  
Mores Creek above Robie Creek, near  
    Arrowrock Dam ..... 313  
Most probable number, definition of ..... 36  
Moyie River at Eastport ..... 74  
Mud Lake-Lost River basins, discharge at  
    miscellaneous sites in ..... 427  
    gaging-station records in ..... 261  
    reservoirs in ..... 263, 268  
    schematic diagram showing gaging stations in ..... 260  
Mud Lake near Terreton ..... 263  
Multiple-plate samplers, definition of..... 36

## INDEX

## N

Nanograms per liter, definition of .....	36
Napias Creek below Arnett Creek, near Leesburg .....	375
National Atmospheric Deposition Program/National Trends Network (NADP/NTN), explanation of .....	11
National Geodetic Vertical Datum of 1929 (NGVD), definition of .....	36
National, The USGS, Streamflow Information Program (NSIP), explanation of .....	12
National Stream-Quality Accounting Network, (NASQAN), explanation of .....	11
National, The USGS, Water-Quality Assessment program, (NAWQA), explanation of .....	11
Natural substrate, definition of .....	36
Nekton, definition of .....	37
Nonfilterable, definition of .....	37
North American Datum, of 1927 (NAD27), definition of .....	37
of 1983 (NAD83), definition of .....	37
North American Vertical Datum of 1988 (NAVD 1988), definition of .....	37
Numbering system for wells and miscellaneous sites .....	9
diagram of .....	9

## O

Oakley Reservoir near Oakley .....	234
On-site measurements and sample collection, explanation of .....	22
Open or screened interval, definition of .....	37
Organic carbon, definition of .....	37
Organic mass, or volatile mass, definition of .....	37
Organism, count/area, definition of .....	37
count/volume, definition of .....	37
Organochloride compounds, definition of .....	37
Other data records available .....	18
Owyhee River, below Owyhee Dam, OR .....	309
near Rome, OR .....	308
Owyhee River basin, discharge at low-flow partial-record site in .....	436
gaging-station records in .....	308
schematic diagram showing gaging stations in .....	307

## P

Pacific Creek at Moran, WY .....	153
Pacific Creek basin, gaging-station records in .....	153
Pahsimeroi River at Ellis .....	363
Palouse River near Potlatch .....	424
Palouse River basin, gaging-station records in .....	424
schematic diagram showing gaging stations in .....	394
Paradise Creek at University of Idaho at Moscow .....	425
Parameter code, definition of .....	37
Partial-record station, definition of .....	37
Partial-record stations and miscellaneous sites, discharge at .....	426
Partial-record sites, discharge at low-flow .....	433
Particle size, definition of .....	37
classification, definition of .....	37
Payette Lake at McCall .....	333
Payette River, Lake Fork, above Jumbo Creek, near McCall .....	335
Middle Fork, near Crouch .....	332
near Letha .....	340
near Emmett .....	339
near Horseshoe Bend .....	338
near Payette .....	341
North Fork, at Cascade .....	336
at McCall .....	334
near Banks .....	337
South Fork, at Lowman .....	327
Payette River basin, discharge at low-flow partial-record sites in .....	437
gaging-station records in .....	327
reservoir in .....	333
schematic diagram showing gaging stations in .....	326

Peak discharge greater than base discharge, explanation of .....	15
Peak flow (peak stage), definition of .....	38
Pend Oreille, Lake, near Hope, .....	91
Pend Oreille River at Newport, WA .....	98
Pend Oreille River basin, discharge at low-flow partial-record sites in .....	433
gaging-station records in .....	86
reservoirs in .....	91, 92
schematic diagram showing gaging stations in .....	85
Percent composition, or percent of total, definition of .....	38
Percent shading, definition of .....	38
Periodic-record station, definition of .....	38
Periphyton, definition of .....	38
Pesticides, definition of .....	38
pH, definition of .....	38
Phytoplankton, definition of .....	38
Picocurie, definition of .....	38
Pine Creek, below Amy Gulch near Pinehurst .....	124
East Fork, above Gilbert Creek near Pinehurst .....	114
above Nabob Creek near Pinehurst .....	119
Plankton, definition of .....	39
Pole Creek below Pole Creek Ranger Station near Obsidian .....	351
Polychlorinated biphenyls, definition of .....	39
Polychlorinated naphthalenes, definition of .....	39
Pool, definition of .....	39
Portneuf River, at Pocatello .....	221
at Topaz .....	219
at Tyhee .....	222
Portneuf River basin, discharge at low-flow partial-record sites in .....	435
gaging-station records in .....	219
Potlatch River below Little Potlatch Creek near Spalding .....	415
Precipitation records, explanation of .....	19
Preface .....	iii
Priest Lake at Outlet, near Coolin .....	92
Priest River, near Coolin .....	93
near Priest River .....	94
Primary productivity, definition of .....	39
carbon method, definition of .....	39
oxygen method, definition of .....	39
Programs, special networks and .....	11
Publications on Techniques of Water-Resources Investigations .....	47

## R

Radioisotopes, definition of .....	39
Raft River, above Onemile Creek, near Malta .....	227
Raft River basin, discharge at low-flow partial-record sites in .....	436
miscellaneous sites in .....	426
gaging-station records in .....	227
Rainbow Inlet Canal near Dingle .....	62
Reach, definition of .....	39
Records, other data, available .....	18
surface-water .....	61
surface-water-quality .....	21
Records, explanation of, precipitation .....	19
stage- and water-discharge .....	13
water-quality .....	20
Recoverable, definition of .....	39
Recurrence interval, definition of .....	40
Reference samples, explanation of .....	25
Remark codes for surface-water-quality records .....	24
Replicate samples, definition of .....	40
explanation of .....	26
Reservoirs: -- See Lakes and Reservoirs.	
Return period: -- See Recurrence interval.	
Rifle, definition of .....	40
River mileage, definition of .....	40
Rock Creek, above Highway 30/93 crossing at Twin Falls .....	246

## INDEX

- Rock Creek basin, discharge at low-flow  
     partial-record sites in ..... 436  
     gaging station records in ..... 246
- Run, definition of ..... 40
- Runoff, definition of ..... 40
- S**
- St. Joe River, at Calder ..... 142  
     at Red Ives Ranger Station ..... 139  
     near Chatcolet ..... 144
- St. Maries River near Santa ..... 143
- Salinity, definition of ..... 40
- Salmon Falls Creek, near Hagerman ..... 259  
     near San Jacinto, NV ..... 256
- Salmon Falls Creek basin, discharge at  
     miscellaneous site in ..... 427  
     gaging-station records in ..... 256  
     reservoir in ..... 258
- Salmon River, at Pole Creek Road above  
     diversion near Obsidian ..... 350  
     at Salmon ..... 366  
     at White Bird ..... 385  
     below Yankee Fork near Clayton ..... 355  
     Little, at Riggins ..... 382  
     near Shoup ..... 376  
     Middle Fork, at Middle Fork Lodge  
         near Yellow Pine ..... 377  
         at mouth near Shoup ..... 378  
     South Fork, near Krassel Ranger Station ..... 379
- Salmon River basin, discharge at low-flow  
     partial-record sites in ..... 437  
     discharge at miscellaneous sites in ..... 431  
     gaging-station records in ..... 350  
     schematic diagram showing gaging stations in ..... 346
- Salmon River Canal Co. Canal near Rogerson ..... 257
- Salmon River Canal Co. Reservoir near Rogerson ..... 258
- Salt River above Reservoir, near Etna, WY ..... 170  
     gaging-station records in ..... 170
- Sample collection, on-site measurement and ..... 22
- Samples, for surface-water-quality, explanation of,  
     Blank ..... 25  
     Reference ..... 25  
     Replicate ..... 26  
     Spike ..... 26
- Sand Creek above Willow Creek Diversion near Ucon ..... 202
- Sea level, definition of ..... 40
- Sediment, definition of ..... 40  
     records, explanation of ..... 22  
     suspended-, definition of ..... 42  
         concentration, definition of ..... 42  
         discharge, definition of ..... 42  
         load, definition of ..... 42
- Selway River, above Moose Creek near  
     Moose Creek Ranger Station ..... 395  
     near Lowell ..... 397
- Sensible heat flux, definition of ..... 41
- Seven-day 10-year low flow, definition of ..... 41
- Shelves, definition of ..... 41
- Silver Creek at Sportsmans Access, near Picabo ..... 286
- Snake River, above Eagle Rock, near Idaho Falls ..... 196  
     above Jackson Lake, at Flagg Ranch, WY ..... 151  
     above Reservoir, near Alpine, WY ..... 168  
     at Blackfoot ..... 207  
     at Hells Canyon Dam, Idaho-Oregon State Line ..... 348  
     at Johnson Bar, Idaho-Oregon State Line ..... 349  
     at King Hill ..... 290  
     at Lorenzo ..... 175  
     at Milner, Gaging Station ..... 237  
     at Moose, WY ..... 155  
     at Neeley ..... 224  
     at Nyssa ..... 324  
     at Weiser ..... 345  
     below Bliss Dam, near Bliss ..... 289  
     below C.J. Strike Dam, near Grand View ..... 305  
     below Flat Creek, near Jackson, WY ..... 167  
     below Lower Salmon Falls, near Hagerman ..... 277  
     below McDuff Rapids at China Gardens, WA ..... 389  
     combination, at Milner Gaging Station and  
         Lower Milner Power Plant ..... 239
- Snake River, --Continued  
     near Anatonne, WA ..... 391  
     near Blackfoot ..... 218  
     near Buhl ..... 252  
     near Heise ..... 173  
     near Irwin ..... 172  
     near Kimberly ..... 243  
     near Menan ..... 194  
     near Minidoka ..... 228  
     near Moran, WY ..... 152  
     near Murphy ..... 306  
     near Shelley ..... 206
- Snake River basin, discharge at  
     miscellaneous sites in ..... 426, 427, 430  
     gaging-station records in ..... 151, 224, 277, 389  
     reservoirs in 176, 234, 236, 258, 263, 268, 281, 284, 304, 314, 333, 347  
     schematic showing  
         gaging stations in ..... 150, 171, 197, 226, 253, 276, 298, 307, 346
- Snake River Gaging Station, at Milner ..... 237
- Snake River main stem, gaging-station in ..... 151  
     reservoirs in ..... 176, 304, 347
- Sodium-adsorption ratio, definition of ..... 41
- Soil heat flux, definition of ..... 41
- Soil-water content, definition of ..... 41
- Special networks and programs ..... 11
- Specific electrical conductance (conductivity), definition of ..... 41
- Spike samples, explanation of ..... 26
- Spring Creek, at Sheepskin Road near Fort Hall ..... 223
- Spokane River, at lake outlet at Coeur d'Alene ..... 148  
     near Post Falls ..... 149
- Spokane River basin, analyses of samples collected at  
     water-quality partial-record stations and  
         miscellaneous sites in ..... 456  
         gaging-station records in ..... 100  
         discharge at, low-flow partial-record sites in ..... 434  
         miscellaneous sites in ..... 426  
         reservoirs in ..... 146, 147  
         schematic diagram showing gaging stations in ..... 99
- Squaw Creek below Bruno Creek near Clayton ..... 359
- Stable isotope ratio, definition of ..... 41
- Stage: -- see Gage height.
- Stage-discharge relation, definition of ..... 41
- Stage- and water-discharge records, explanation of ..... 13
- Station manuscript, definition of ..... 14
- Station number, downstream order and ..... 8
- Station records, surface-water ..... 61
- Statistics, of monthly mean data, explanation of ..... 16  
     summary, explanation of ..... 16
- Streamflow, definition of ..... 41  
     and reservoir conditions, summary of ..... 3
- Substrate, definition of ..... 41  
     embeddedness class, definition of ..... 41
- Summary of, Ground-water Conditions ..... 7  
     Hydrologic Conditions ..... 3  
     Streamflow and Reservoir Conditions ..... 3  
     Water-quality Conditions ..... 7
- Summary statistics, explanation of ..... 16
- Surface area of a lake, definition of ..... 42
- Surface-water quality records, explanation of ..... 21
- Surface-water and water-quality stations in Idaho,  
     maps showing location of ..... 52
- Surface-water, discharge or stage-only stations,  
     discontinued ..... xvii  
     station records ..... 61
- Surface-water-quality stations, discontinued ..... xxxvii
- Surficial bed material, definition of ..... 42
- Surrogate, definition of ..... 42
- Suspended, definition of ..... 42  
     recoverable, definition of ..... 42  
     total, definition of ..... 42
- Suspended sediment, definition of ..... 42  
     concentration, definition of ..... 42  
     discharge, definition of ..... 42  
     load, definition of ..... 42
- Suspended solids, total residue at 105°C concentration,  
     definition of ..... 42
- Sweetwater Creek, at mouth near Sweetwater ..... 420  
     below Sweetwater Canal diversion near Waha ..... 418  
     East Fork, at mouth near Waha ..... 417
- Synoptic studies, definition of ..... 43

## INDEX

- System for numbering wells and miscellaneous sites,  
 explanation of ..... 9  
 diagram showing ..... 9
- T**
- Taxa (species) richness, definition of ..... 43  
 Taxonomy, definition of ..... 43  
 Techniques of Water-Resources Investigations ..... 47  
 Temperature, water, explanation of ..... 22  
 Terms, definition of ..... 27  
 Teton River, above South Leigh Creek, near Driggs ..... 187  
   near St. Anthony ..... 188  
   North Fork, near Sugar City ..... 191  
   South Fork, at Rexburg ..... 192  
 Thalweg, definition of ..... 43  
 Thermograph, definition of ..... 43  
 Thompson Creek near Clayton ..... 357  
 Time-weighted average, definition of ..... 43  
 Tons, per acre-foot, definition of ..... 43  
   per day, definition of ..... 43  
 Total, definition of ..... 43  
   coliform bacteria, definition of ..... 43  
   discharge, definition of ..... 44  
   in bottom material, definition of ..... 44  
   length, definition of ..... 44  
   load, definition of ..... 44  
   organism count, definition of ..... 44  
   recoverable, definition of ..... 44  
   sediment discharge, definition of ..... 44  
   load, definition of ..... 44  
 Transect, definition of ..... 44  
 Trapper Creek near Oakley ..... 233  
 Tributaries to Snake River between Milner and  
   Salmon Falls Creek, discharge at  
   miscellaneous sites ..... 426  
 Tributaries to Snake River between Thousand Springs and  
   Malad River,  
   discharge at miscellaneous sites ..... 430  
 Turbidity, definition of ..... 44  
 Twentyone Ranch Spring near Waha ..... 416
- U**
- Ultraviolet (UV) absorbance (absorption), definition of ..... 45  
 Unconfined aquifer, definition of ..... 45  
 Unfiltered, definition of ..... 45  
   recoverable, definition of ..... 45
- V**
- Valley Creek at Stanley ..... 353  
 above diversions near Stanley ..... 352
- Vertical datum: -- see Datum.  
 Volatile organic compounds (VOCs), definition of ..... 45  
 Volatile mass: -- See Organic mass.
- W**
- Water analysis, explanation of ..... 20  
 Water data, Access to USGS ..... 26  
 Water-Quality Assessment (NAWQA) Program, National,  
   explanation of ..... 11  
 Water-quality, conditions, summary of ..... 7  
   records, explanation of, ..... 20  
   surface-water ..... 21  
   stations in Idaho, maps showing location  
     of surface-water and ..... 52  
 Water-quality-control data, explanation of ..... 24  
 Water-Resources Investigations, Techniques of ..... 47  
 Watershed: - see Drainage basin.  
 Water table, definition of ..... 46  
 Water-table aquifer, definition of ..... 46  
 Water temperature, explanation of,  
   Surface-water-quality records ..... 22  
 Water year, definition of ..... 46  
 WDR, definition of ..... 46  
 Webb Creek near Sweetwater ..... 419  
 Weighted average, definition of ..... 46  
 Weiser River, near Cambridge ..... 342  
   near Weiser ..... 344  
 Weiser River basin, discharges at low-flow  
   partial record sites in ..... 437  
   gaging-station records in ..... 342  
   schematic diagram showing gaging station in ..... 326  
 Well-numbering system, Idaho ..... 9  
   diagram showing ..... 10  
 Wells and miscellaneous sites, numbering system for ..... 9  
 Wet mass, definition of ..... 46  
 Wet weight, definition of ..... 46  
 Willow Creek, below Floodway Channel near Ucon ..... 205  
   below Tex Creek, near Ririe ..... 199  
   Floodway Channel at mouth, near Idaho Falls ..... 204  
   Floodway Channel near Ucon ..... 203  
   near Ririe ..... 200  
 Willow Creek basin, gaging-station records in ..... 198  
 WSP, definition of ..... 46
- Y**
- Yaak River near Troy, MT ..... 71
- Z**
- Zooplankton, definition of ..... 46