

***: Set_alarm--For sensor # 2243, Cold Sprng Glch conf Water Level FT,
the following alarm values are defined:

Absolute Max.	Absolute Min.	Positive Rate of Change Rate/Time	Rate of Change Threshold	Negative Rate of Change Rate/Time	Rate of Change Threshold
3.00 ft enabled	undefined disabled	1.00 ft/ 30min enabled	1.00 ft	undefined disabled	undefined

Maximum acceptable time between reports = 48.0 hours , alarm is enabled
Alarms set to flash on terminals : 0

=====
Change the Absolute Max. alarm value (y/n) ?

**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
SYSTEM MAINTENANCE RECORD
DIAD INC.**

Service Log

Site Name: Cold Spring Glch

Date: 31-Mar-97

Time: 12:03

Service Type: Start Up

Technician: RJB

Status: OK

Configuration Changes

Part #	Location
TX H 834	2240
BY H 9773	2240
TB H 570	2240

Transducer Calibration

Port	A	B = BV	Std Error
2243	0.0901	0.03	0.011

Settings and Performance

Switches: 2240-0012-1112-11011
 Jumpers: W10,W4
 Eprom: B
 Fwd Power: 9.0
 Rev Power: 0.1
 Frequency:
 Deviation:

Test Transmissions

Port	Time	Count	Pressure	Predicted
2243	12:21	28	1.12	31
2243	12:22	80	3.13	83
2243	12:22	132	5.16	135
2243	12:23	182	7.13	186
2243	12:23	232	9.07	236
2240	12:24	0		0
2240	12:28	1		0
2240	12:31	2		0

M = 11.10

Battery Tests

Battery #	Volts -Q	Volts-T
BY H 9773	13.05	12.83

07-May-97

Problem:**Action Taken:**

Site Notes: Bridge to be redone. Survey markers indicate they will straighten the curve. May loose access during construction.

Follow-Up:

```
Z Device Definitions DDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDD NovaLynx Systems, Inc. \
3
3 Device ID Tag Name
3 Identification : 2243 2243 Cold Sprg Glch conf
3
3 Device Type name
3 Type : Water Level PT
3 Z Setup device calibration DDDDDDD NovaLynx Systems, Inc. \
3 Data 3
3 Calibration :3 Divisor Base value Data type Calibration time
3 3 11.1607 -0.24 Signed 03/28/1996-15:02:38
3 Data 3 11.0534 0 Signed 04/25/1991-01:00:00
3 Checking :3
3 3
3 Data 3
3 Storage :3
3 3
3 Save changes <:3
3 3
```

B = -0.24

See 3/31/97

Is this value O.K. (y/n) ? y

Apr 11 94 13:55:04 2

Primary record 354 updated
Data file updated

Enter sensor # to calibrate (<ESC> to exit) 2233
Sensor # 2233 is Bear Cr below Cub Water Level PT

The present base value is 0.000000 feet
The present increment size is 0.500000 feet per increment

Change the base value (y/n) ? n

Change the increment size (y/n) ? y

Enter new increment size in feet per increment .09047

The new increment size is 0.090470 feet per increment
Is this value O.K. (y/n) ? y

Primary record 355 updated
Data file updated

Enter sensor # to calibrate (<ESC> to exit)

Is this value O.K. (y/n) ? y

Apr 11 94 13:58:00 2

Primary record 355 updated
Data file updated

Enter sensor # to calibrate (<ESC> to exit) 2243
Sensor # 2243 is Cold Sprg Glch conf Water Level PT

The present base value is 0.000000 feet
The present increment size is 0.500000 feet per increment

Change the base value (y/n) ? n

Change the increment size (y/n) ? y

Enter new increment size in feet per increment .09047

The new increment size is 0.090470 feet per increment
Is this value O.K. (y/n) ? y

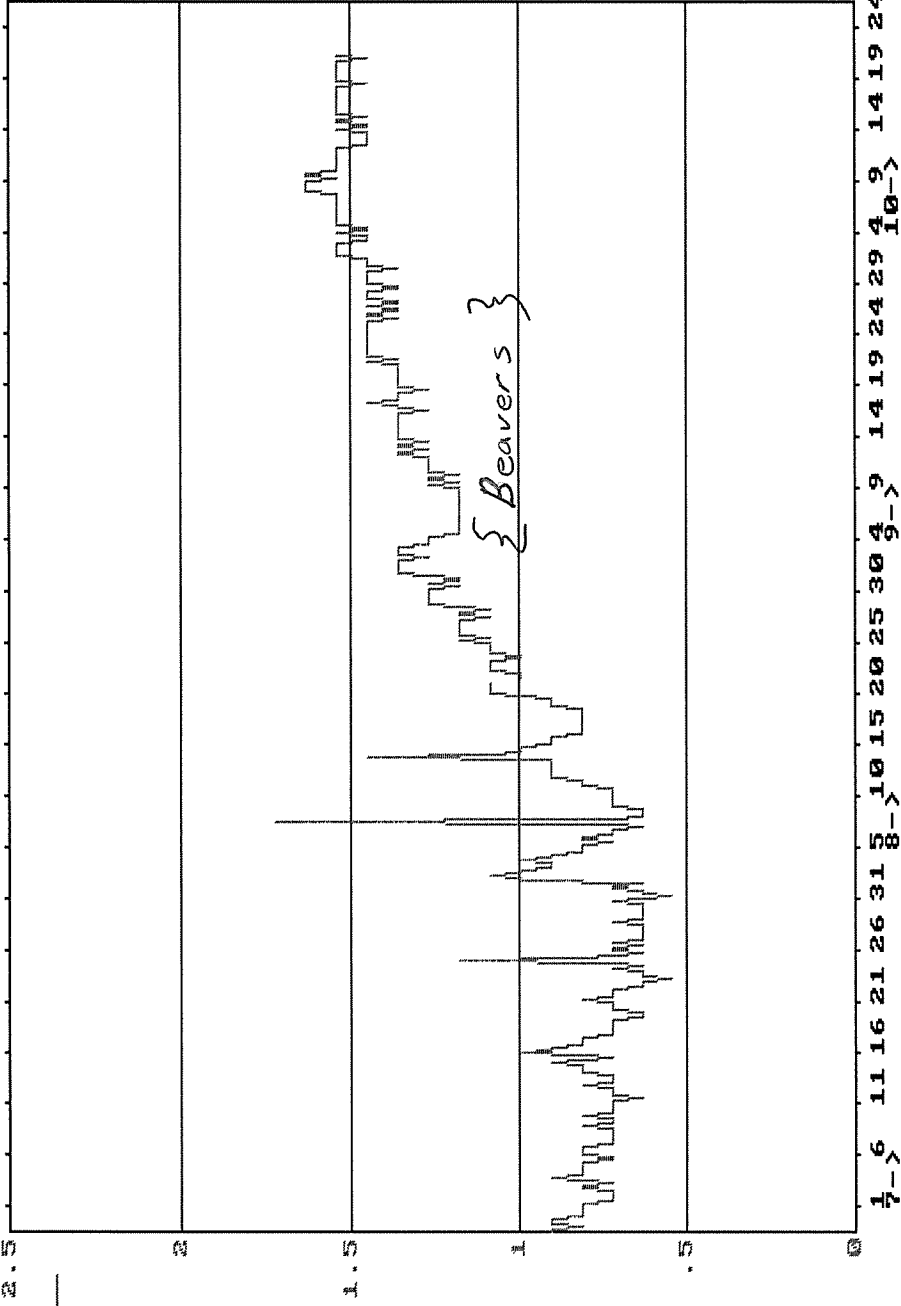
Primary record 356 updated
Data file updated

Enter sensor # to calibrate (<ESC> to exit)

Cold Sprg Gich conf

2.5

2243



4004

06/94
DRY
MONTH

w/ Don 10-26-94

```

***: define_rating
      ting table 67 Bear Creek above Cold Spring Gulch
Sensor 2243 Cold Sprg Glch conf
SENSOR TYPE USING TABLE: B Water Level PT
RATING TABLE UNITS: cubic feet/second
UNITS ABBREVIATION: cfs
INTERPOLATION TYPE: linear interpolation
EXTRAPOLATION ALLOWED: YES

```

TABLE VALUES:

ft	cfs	ft	cfs	ft	cfs	ft	cfs
0	0						
1	30						
2	150						
3	450						
4	850						
5	1500						
5.2	1710						
8	5850						
9.5	9500						
14	25000						

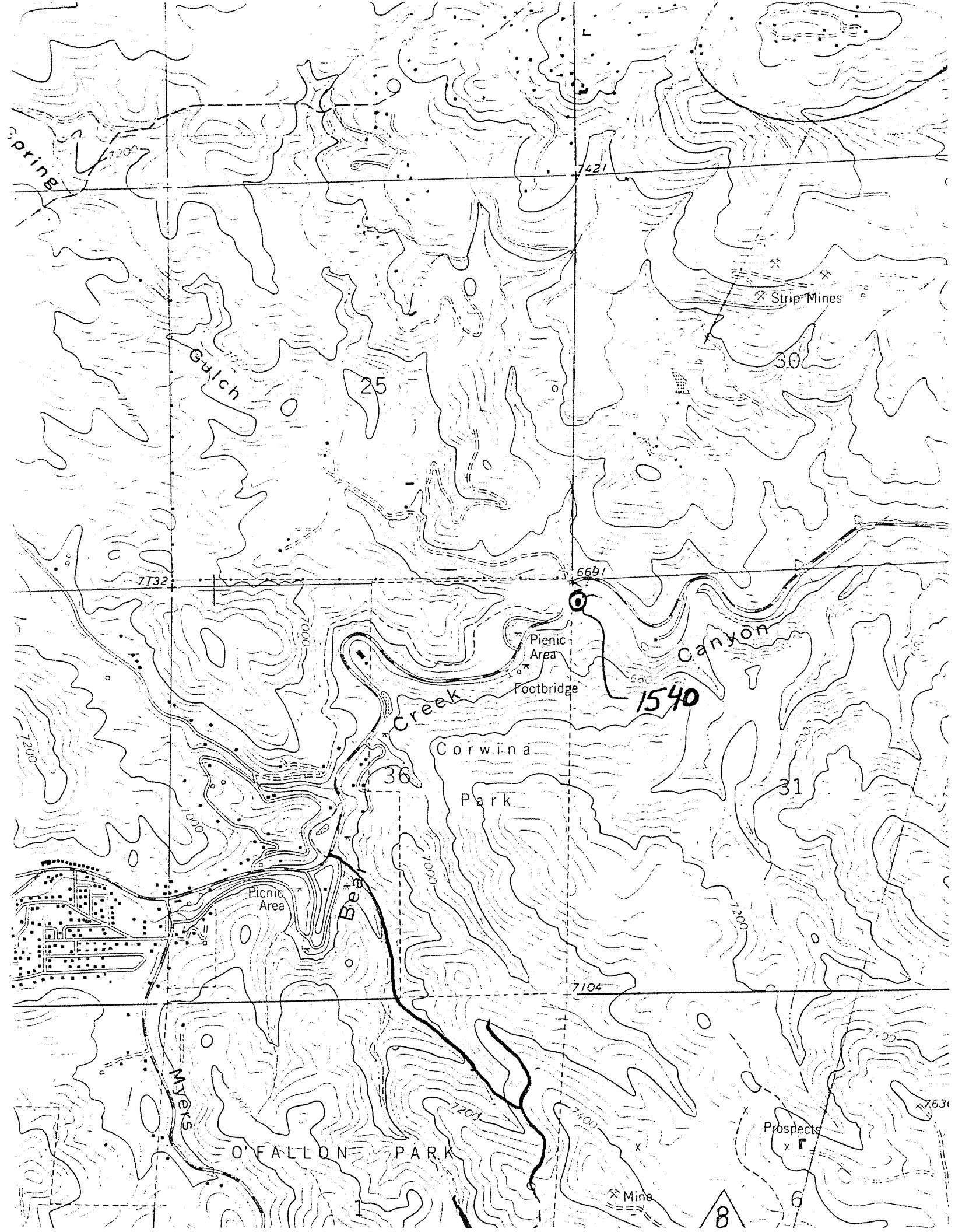
Enter F9 for a list of the EDIT keys

SM: Evout

Sensor # 2243 Cold Sprg Glch conf Water Level PT with rating

DATE	TIME	feet	cubic feet/second
04/14/94	13:12:14	0.90	27.14 (10)
04/14/94	12:49:44	1.00	29.86 (11)
04/14/94	08:16:00	0.90	27.14 (10)
04/14/94	06:38:21	0.63	19.00 (7)
04/14/94	02:46:01	1.00	29.86 (11)
04/13/94	22:19:47	1.00	29.86 (11)
04/13/94	20:46:00	0.90	27.14 (10)
04/13/94	15:42:15	0.81	24.43 (9)
04/13/94	14:46:00	0.72	21.71 (8)
04/13/94	14:12:12	0.72	21.71 (8)
04/13/94	14:08:27	0.81	24.43 (9)
04/13/94	14:04:42	0.72	21.71 (8)
04/13/94	14:00:57	0.81	24.43 (9)
04/13/94	12:30:55	0.72	21.71 (8)
04/13/94	12:27:09	0.81	24.43 (9)
04/13/94	12:15:54	0.72	21.71 (8)
04/13/94	07:57:12	0.81	24.43 (9)
04/13/94	06:12:09	0.90	27.14 (10)
04/13/94	05:42:18	0.81	24.43 (9)
04/13/94	02:46:00	0.90	27.14 (10)
04/12/94	23:34:46	0.90	27.14 (10)

Strike <RETURN> to continue, <ESC> to stop :



Spring

Gulch

Strip Mines

Picnic Area
Footbridge

Canyon

Creek

Corwina
Park

Picnic Area

Bea

Prospects

Mine

O'FALLON PARK

1540

7200

6421

7132

6691

7200

7000

36

31

7104

7200

7200

7400

7630

1

8

6

CONFLUENCE WITH
SAWMILL GULCH

146 m²

below Swede Gulch

Q₅₀₀

Q

Q₁₀

ELEVATION (FEET NGVD)

6450
6440
6430
6420
6410

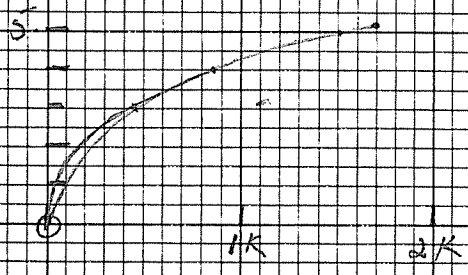
0	0
0	0
1	30
2	150
3	450
4	850
5	1500

25,000 (14')

9500 (9.5')
5050 (8.0')

1710 (5.2')

Comparable Rating for
2293



BL

BM

75,700

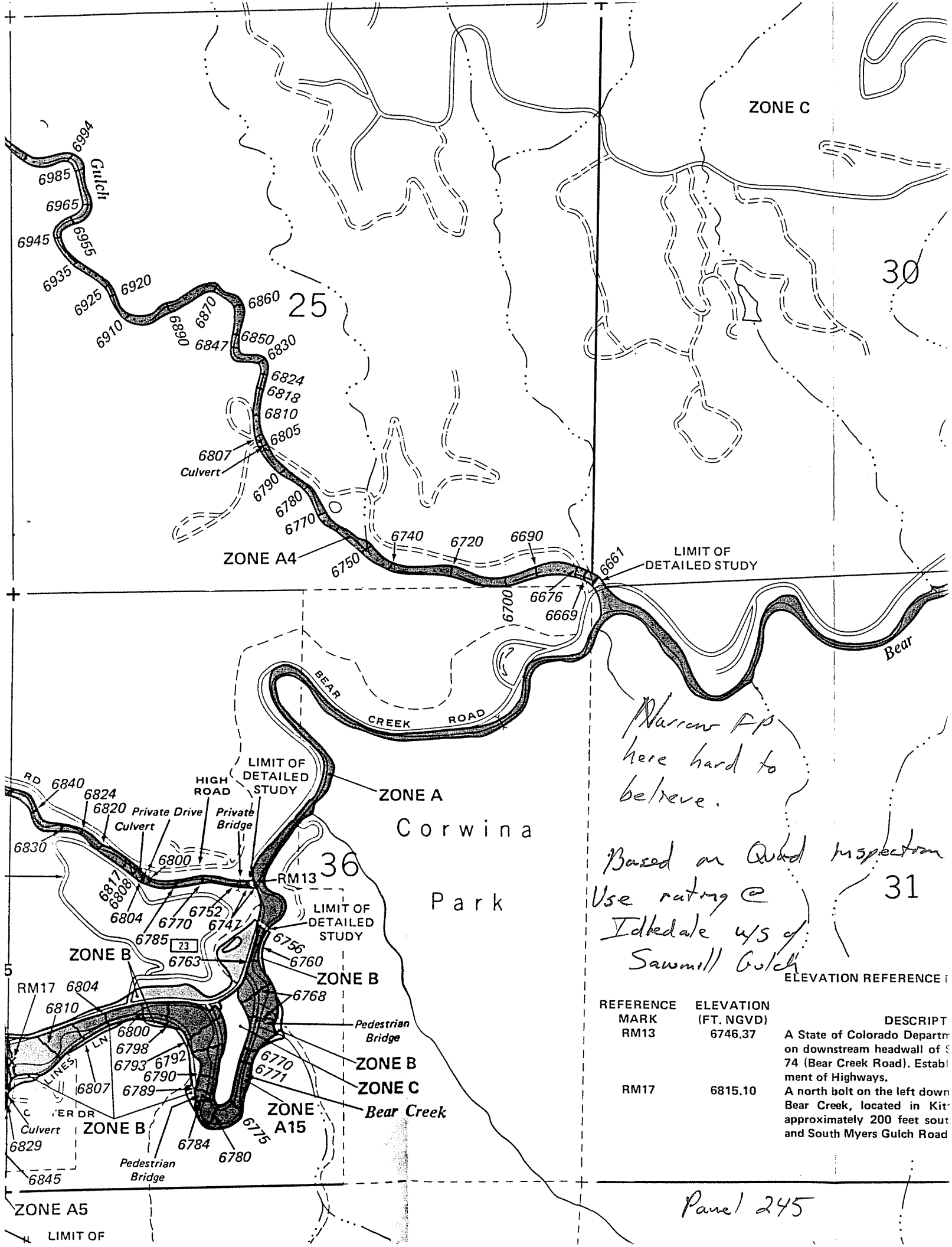
75,900

76,100

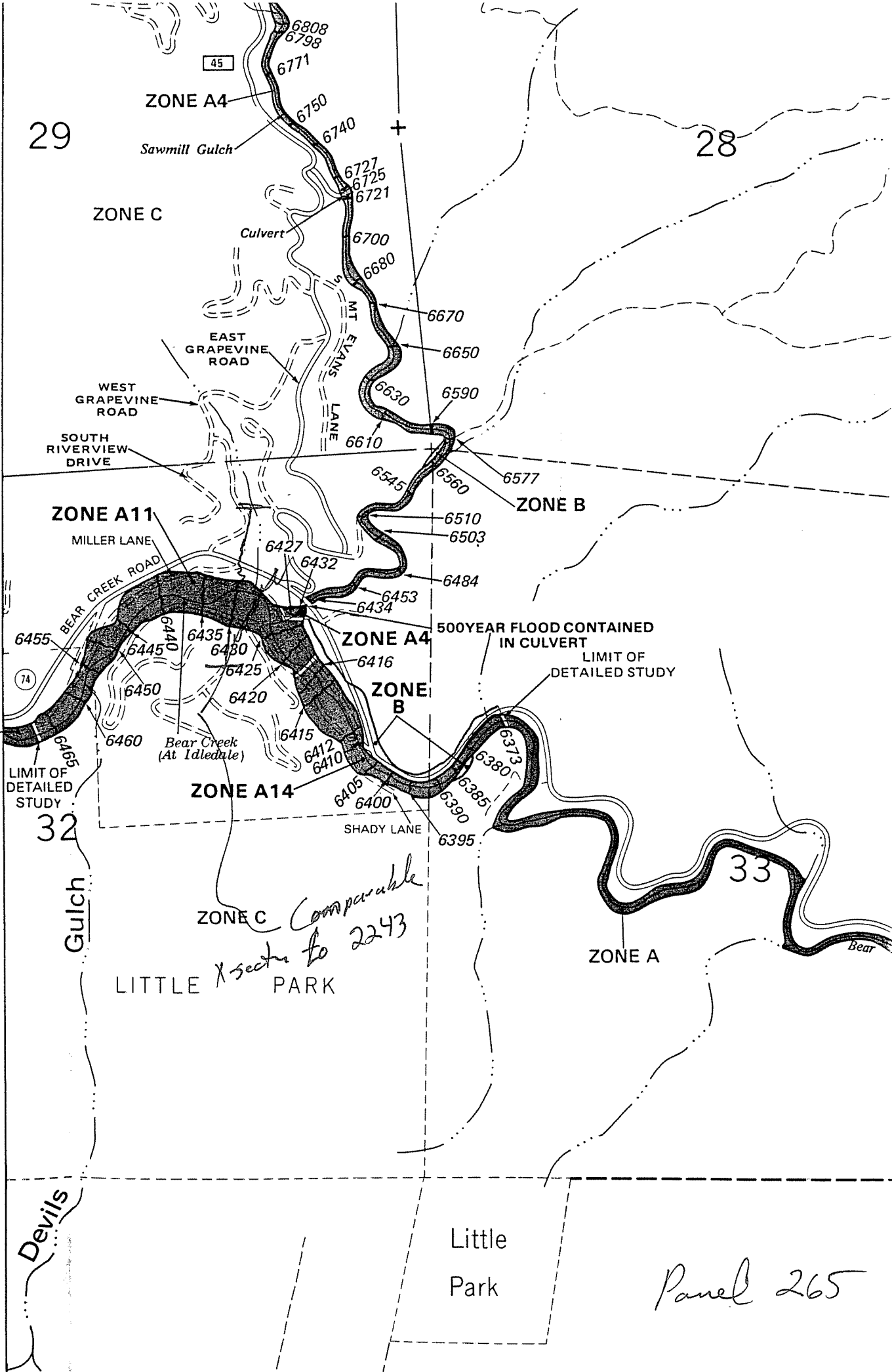
76,300

0.9' = 25 cfs

STREAM DISTANCE IN FEET ABOVE



Panel 245



JOINS PANEL 0245

Panel 265

I.D.# 1540

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
SYSTEM MAINTENANCE RECORD
SCC Inc.

SITE : COLD SPRING
DATE : 4/25/91 TIME : 11:00 TECH(S) : DD

TYPE : BENCH SEASON INST. MECH. INSP. COMP. P.M.
 REMOVAL SERVICE CALL OTHER

ELECTRONICS PKG. MFGR: HANDBAR
SN: 838
SS: 1540 00 19 11 11

SENSOR(S) MFGR: HANDBAR
SN: 559

GENERAL SITE CONDITION : _____

TEST RESULTS

BATTERY VOLTAGE (Q): <u>12.6</u> VDC	+3 PORT	+4 PORT
BATTERY VOLTAGE (T): <u>12.5</u> VDC	2= _____	2= _____
	8= _____	8= _____
TRANSMIT POWER (FWD): <u>~4</u> WATTS	11= _____	11= _____
TRANSMIT POWER (REV): <u>~2.5</u> WATTS		

TRANSMIT FREQUENCY : _____ mHz
TRANSMIT DEVIATION : _____ kHz

OTHER RESULT : _____

TRANSMISSIONS: RAIN 8 TIPS STAGE _____

REPAIRS/ADJUSTMENTS: _____

COMMENTS: _____

SCC Inc./BOULDER, CO USA IFR SN _____ CAL DATE ___/___/___