

NOAA

National
Ocean
Service

Drop 037

Latitude : 14 52.6 N

Longitude: 150 18.4 E

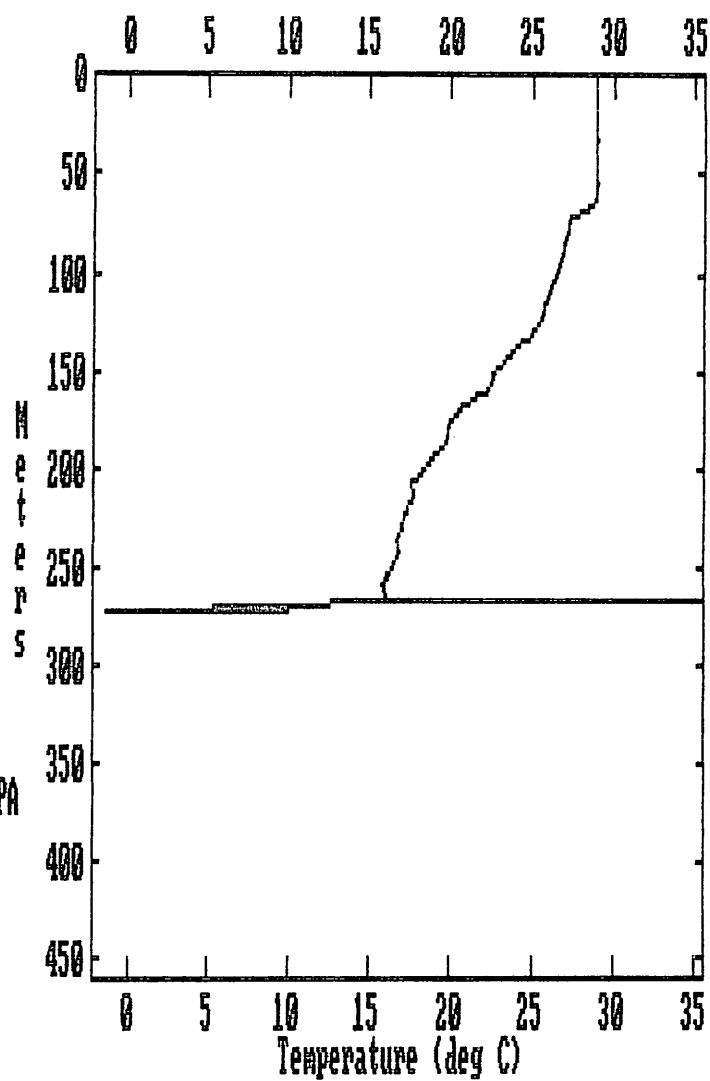
Probe T-06

Date 87/11/10

Time 20:15 GMT

Bottom depth: 5900 M

Cruise: FM-35/12 OLD PA



Drop 037 Probe T-06 Date 10/11/87 Time 20:15 GMT

Latitude: 14 52.6 N Longitude: 150 18.4 E

Cruise: FM-35/12 OLD PACIFIC

Ship: FRED H. MOORE (WX8295)

Bottom depth: 5900 m

WHOLE DEGREE ISOTHERMS

SURFACE TEMP(2.59 m): 28.92 (C)

BOTTOM TEMP(273.04 m): -.01 (C)

Depth meters	Temp (C)
69.0	28
84.4	27
112.0	26
130.5	25
138.1	24
148.4	23
161.7	22
166.8	21
177.0	20
194.1	19
204.9	18
232.1	17
257.3	16
266.8	100
268.0	15
268.6	10
269.3	5
270.5	9
271.2	10
271.8	-1
272.4	0

NOAA

National
Ocean
Service

Drop 034

Latitude : 14 05.5 N

Longitude: 146 50.4 E

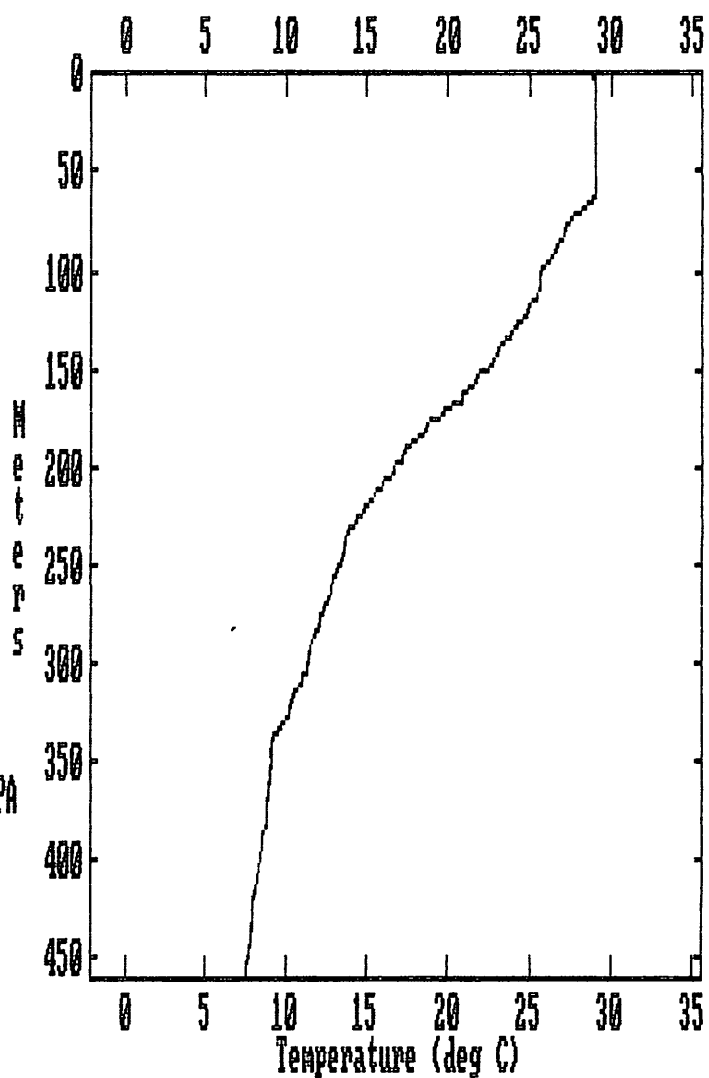
Probe T-06

Date 87/11/08

Time 20:13 GMT

Bottom depth: 7600 m

Cruise: FW-35/12 OLD PA



Drop 034 Probe T-06 Date 08/11/87 Time 20:13 GMT

Latitude: 14 05.5 N Longitude: 146 50.4 E

Cruise: FM-35/12 OLD PACIFIC

Ship: FRED H. MOORE (WX8295) Bottom depth: 7600 m

WHOLE DEGREE ISOTHERMS

SURFACE TEMP(2.59 m): 29.03 (C)

BOTTOM TEMP(459.71 m): 7.53 (C)

Depth meters	Temp (C)
60.0	29
70.9	28
84.4	27
96.6	26
117.1	25
130.5	24
141.3	23
152.2	22
161.7	21
170.6	20
176.3	19
185.9	18
197.9	17
208.1	16
220.1	15
231.5	14
256.1	13
282.5	12
308.8	11
328.2	10
357.5	9
417.7	8

NOAA

National
Ocean
Service

Drop 035

Latitude : 14 25.2 N

Longitude: 148 32.9 E

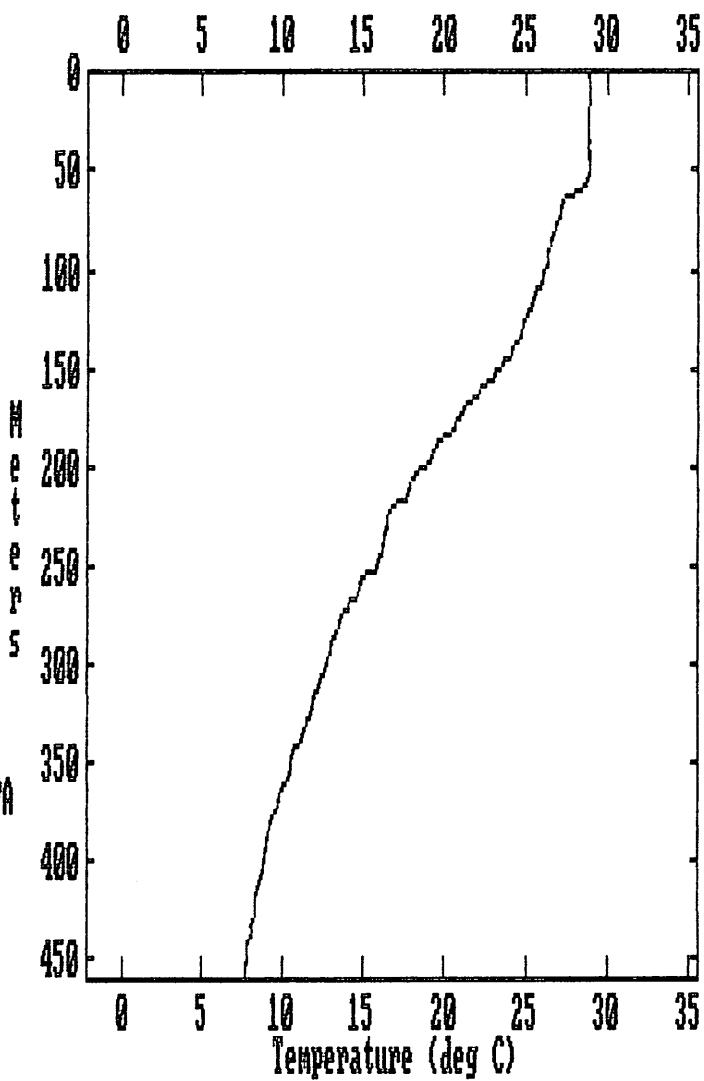
Probe T-06

Date 87/11/09

Time 07:54 GMT

Bottom depth: 7602 m

Cruise: FM-35/12 OLD PA



Drop 035 Probe T-06 Date 09/11/87 Time 07:54 GMT

Latitude: 14 25.2 N Longitude: 148 32.9 E

Cruise: FM-35/12 OLD PACIFIC

Ship: FRED H. MOORE (WX8295) Bottom depth: 7602 m

WHOLE DEGREE ISOTHERMS

SURFACE TEMP(2.59 m): 28.91 (C)

BOTTOM TEMP(459.71 m): 7.75 (C)

Depth meters	Temp (C)
60.6	28
74.8	27
106.2	26
124.1	25
145.2	24
156.0	23
163.6	22
173.2	21
185.2	20
197.9	19
206.8	18
218.8	17
246.6	16
255.4	15
271.8	14
291.9	13
315.1	12
340.7	11
362.5	10
391.7	9
438.8	8

NOAA

National
Ocean
Service

Drop 036

Latitude : 14 35.5 N

Longitude: 149 47.9 E

Probe T-06

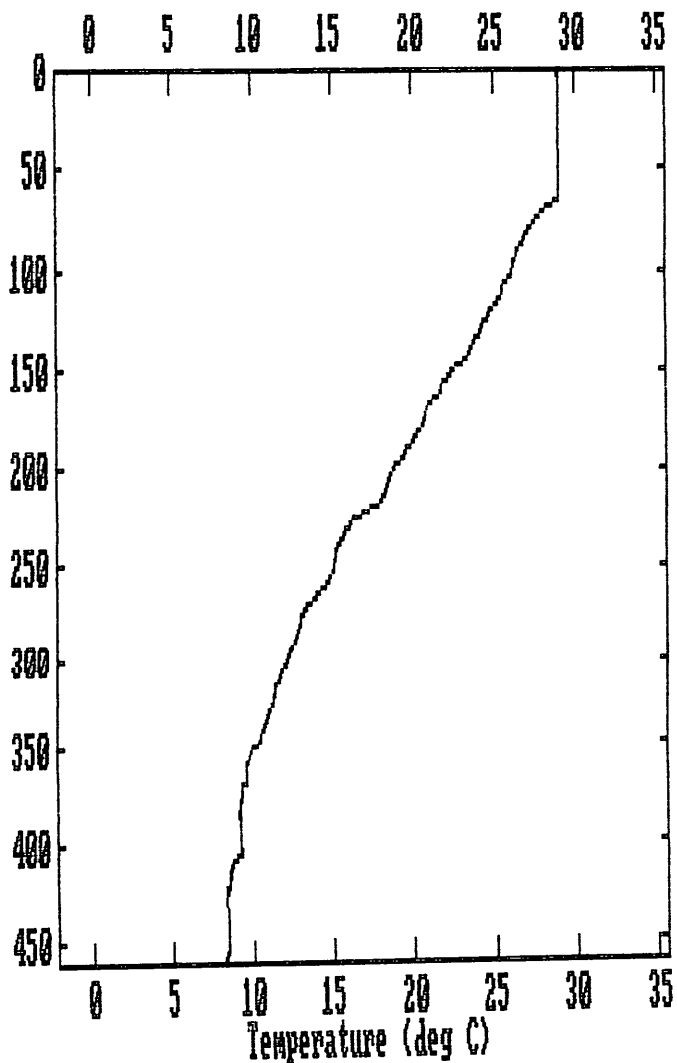
Date 87/11/09

Time 20:51 GMT

Bottom depth: 7400 m

Cruise: FM-35/12 OLD PA

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Drop 036 Probe T-06 Date 09/11/87 Time 20:51 GMT

Latitude: 14 35.5 N Longitude: 149 47.9 E

Cruise: FM-35/12 OLD PACIFIC

Ship: FRED H. MOORE (WX8295)

Bottom depth: 7400 m

WHOLE DEGREE ISOTHERMS

SURFACE TEMP(2.59 m): 29.03 (C)

BOTTOM TEMP(459.71 m): 8.22 (C)

Depth meters	Temp (C)
65.1	29
70.9	28
82.5	27
104.3	26
119.6	25
135.0	24
147.1	23
156.0	22
167.4	21
187.8	20
197.9	19
217.6	18
223.2	17
230.8	16
252.9	15
264.9	14
279.3	13
305.1	12
332.6	11
351.3	10
406.0	9

NOAA

National
Ocean
Service

Drop 038

Latitude : 15 20.0 N

Longitude: 151 52.7 E

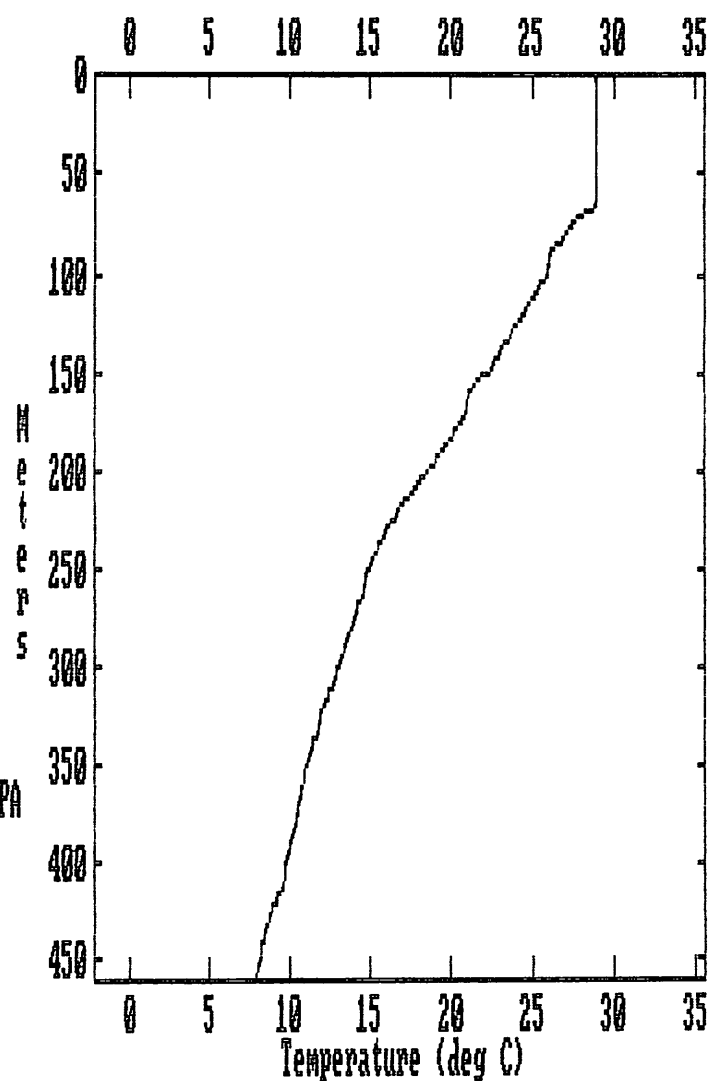
Probe T-06

Date 87/11/11

Time 19:54 GMT

Bottom depth: 750 m

Cruise: FM-35/12 OLD PA



Drop 038 Probe T-06 Date 11/11/87 Time 19:54 GMT

Latitude: 15 20.0 N Longitude: 151 52.7 E

Cruise: FM-35/12 OLD PACIFIC

Ship: FRED H. MOORE (WX8295)

Bottom depth: 750 m

WHOLE DEGREE ISOTHERMS

SURFACE TEMP(2.59 m): 28.90 (C)

BOTTOM TEMP(459.71 m): 7.92 (C)

Depth meters	Temp (C)
70.3	28
79.9	27
96.0	26
112.6	25
125.4	24
140.1	23
150.9	22
164.3	21
184.0	20
196.7	19
205.5	18
217.6	17
228.9	16
248.5	15
275.6	14
300.0	13
320.7	12
350.0	11
393.0	10
422.1	9
455.4	8

NOAA

National
Ocean
Service

Drop 039

Latitude : 13 39.7 N

Longitude: 152 17.7 E

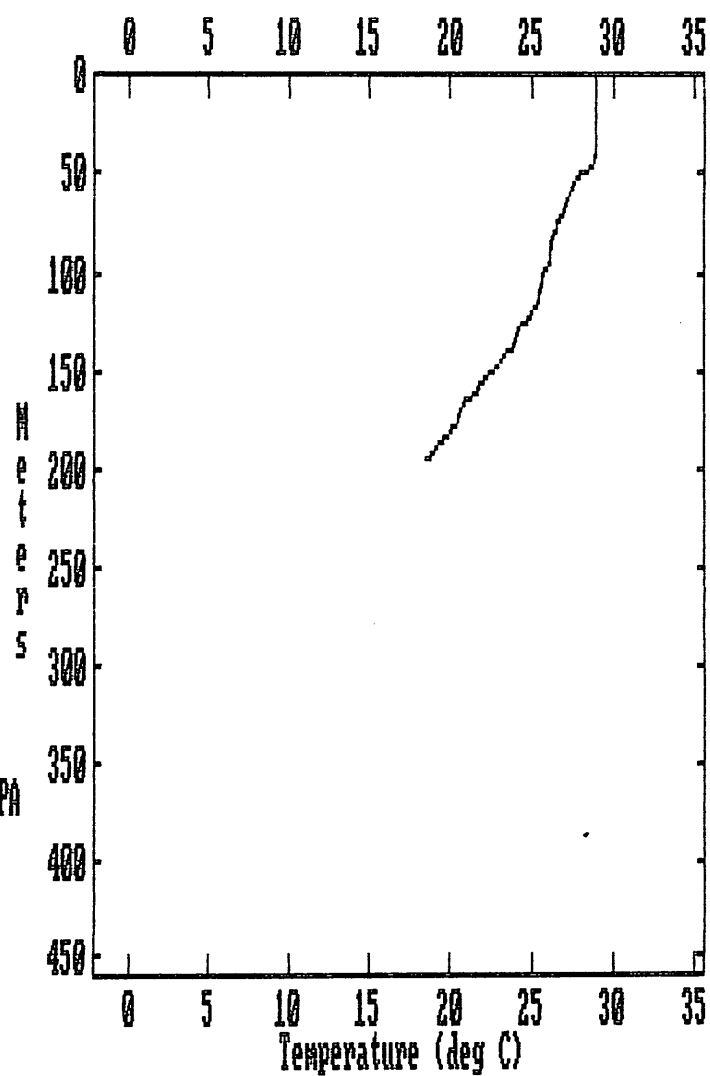
Probe T-06

Date 87/11/12

Time 20:03 GMT

Bottom depth: 5490 m

Cruise: FW-35/12 OLD PA



Drop 039 Probe T-06 Date 12/11/87 Time 20:03 GMT

Latitude: 13 39.7 N Longitude: 152 17.7 E

Cruise: FM-35/12 OLD PACIFIC

Ship: FRED H. MOORE (WX8295)

Bottom depth: 5490 m

WHOLE DEGREE ISOTHERMS

SURFACE TEMP(2.59 m): 28.93 (C)

BOTTOM TEMP(196.02 m): 18.50 (C)

Depth meters	Temp (C)
49.7	28
67.1	27
96.6	26
120.9	25
135.0	24
146.4	23
156.0	22
164.9	21
180.8	20
190.9	19

NOAA

National
Ocean
Service

Drop 043

Latitude : 11 24.3 N

Longitude: 154 29.5 E

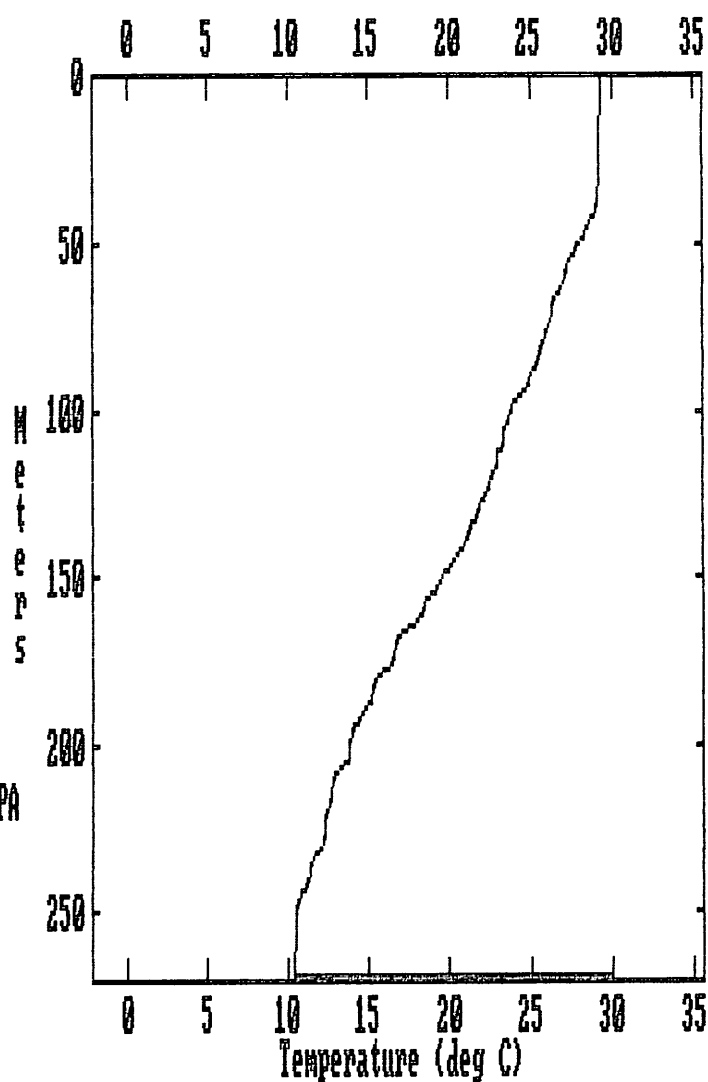
Probe T-06

Date 87/11/16

Time 19:34 GMT

Bottom depth: 5974 m

Cruise: FM-35/12 OLD PA



Drop 043 Probe T-06 Date 16/11/87 Time 19:34 GMT

Latitude: 11 24.3 N Longitude: 154 29.5 E

Cruise: FM-35/12 OLD PACIFIC

Ship: FRED H. MOORE (WX8295)

Bottom depth: 5974 m

WHOLE DEGREE ISOTHERMS

SURFACE TEMP(2.59 m): 29.36 (C)

BOTTOM TEMP(271.79 m): -.44 (C)

Depth meters	Temp (C)
40.7	29
49.7	28
61.9	27
76.7	26
89.5	25
97.2	24
112.0	23
126.7	22
139.4	21
146.4	20
154.7	19
163.0	18
166.8	17
177.6	16
187.8	15
196.0	14
207.4	13
231.5	12
244.1	11
270.5	9
271.2	8
271.8	7

NOAA

National
Ocean
Service

Drop 040

Latitude : 12 36.4 N

Longitude: 153 54.3 E

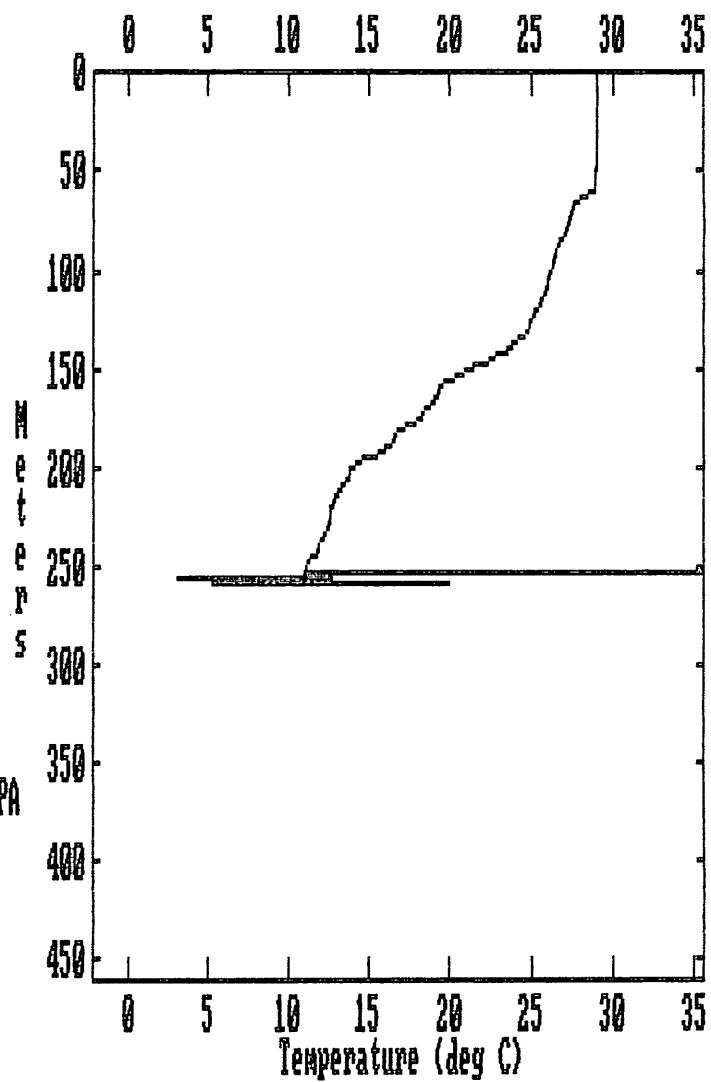
Probe T-06

Date 87/11/13

Time 19:26 GMT

Bottom depth: 5006 m

Cruise: FM-35/12 OLD PA



Drop 040 Probe T-06 Date 13/11/87 Time 19:26 GMT

Latitude: 12 36.4 N Longitude: 153 54.3 E

Cruise: FM-35/12 OLD PACIFIC

Ship: FRED H. MOORE (WX8295)

Bottom depth: 5006 m

WHOLE DEGREE ISOTHERMS

SURFACE TEMP(2.59 m): 29.01 (C)

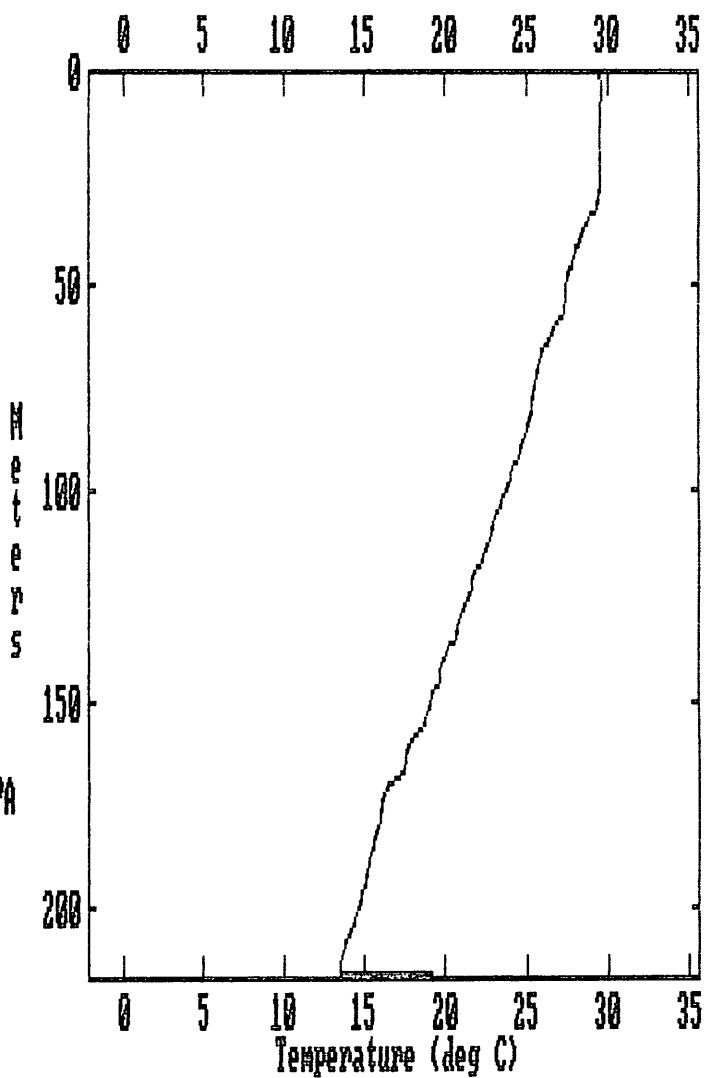
BOTTOM TEMP(257.94 m): 5.26 (C)

Depth meters	Temp (C)
3.2	29
63.9	28
83.1	27
108.1	26
126.7	25
136.9	24
143.9	23
147.7	22
152.2	21
156.0	20
166.2	19
177.0	18
180.8	17
190.9	16
194.8	15
199.8	14
213.8	13
236.5	12
252.9	11
253.5	100
254.2	17
254.8	7
255.4	13
256.1	4
257.3	20
257.9	5

NOAA

National
Ocean
Service

Drop 042
Latitude : 10 56.8 N
Longitude: 156 25.3 E
Probe T-06
Date 87/11/15
Time 20:04 GMT
Bottom depth: 5974 m
Cruise: FM-35/12 OLD PA



Drop 042 Probe T-06 Date 15/11/87 Time 20:04 GMT

Latitude: 10 56.8 N Longitude: 156 25.3 E

Cruise: FM-35/12 OLD PACIFIC

Ship: FRED H. MOORE (WX8295)

Bottom depth: 5974 m

WHOLE DEGREE ISOTHERMS

SURFACE TEMP(2.59 m): 29.58 (C)

BOTTOM TEMP(216.92 m): 26.19 (C)

Depth meters	Temp (C)
33.6	29
42.6	28
58.7	27
65.8	26
85.7	25
97.2	24
106.8	23
118.4	22
129.2	21
139.4	20
151.5	19
159.2	18
169.4	17
178.3	16
195.4	15
206.8	14
216.3	25
216.9	26

NOAA

National
Ocean
Service

Drop 044

Latitude : 11 52.9 N

Longitude: 153 33.7 E

Probe T-06

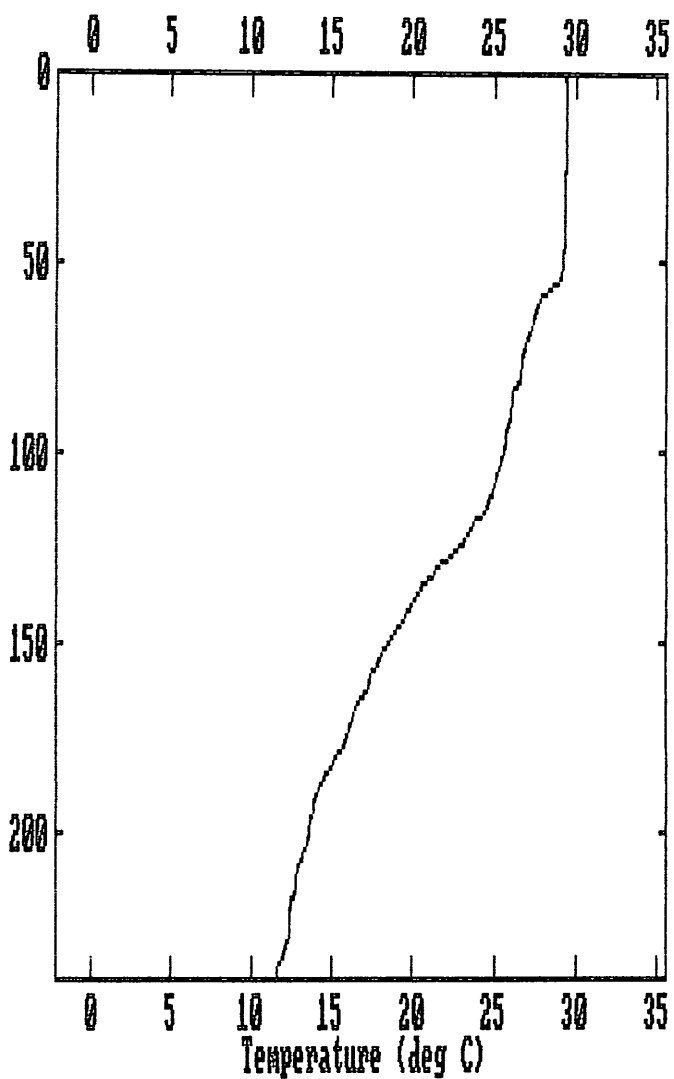
Date 87/11/17

Time 19:37 GMT

Bottom depth: 6015 m

Cruise: FA-35/12 OLD PA

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Drop 044 Probe T-06 Date 17/11/87 Time 19:37 GMT

Latitude: 11 52.9 N Longitude: 153 33.7 E

Cruise: FM-35/12 OLD PACIFIC

Ship: FRED H. MOORE (WX8295)

Bottom depth: 6015 m

WHOLE DEGREE ISOTHERMS

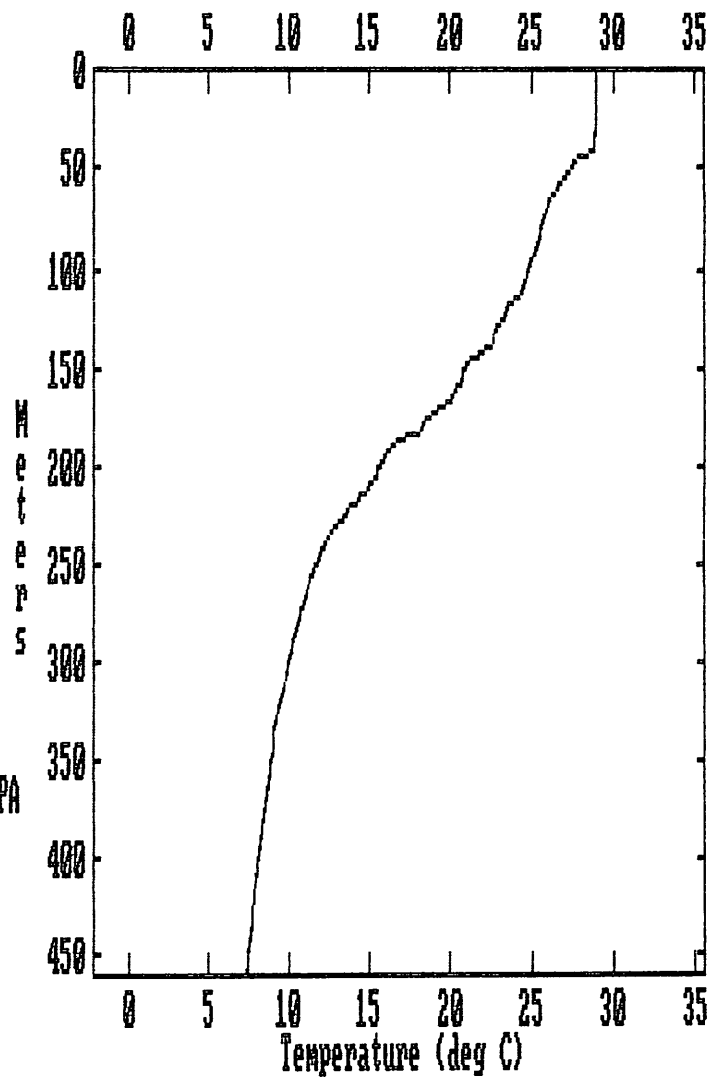
SURFACE TEMP(2.59 m): 29.39 (C)

BOTTOM TEMP(239.03 m): 30.47 (C)

Depth meters	Temp (C)
54.2	29
58.7	28
70.3	27
90.2	26
109.4	25
117.1	24
124.7	23
128.6	22
133.0	21
139.4	20
147.1	19
154.1	18
163.6	17
174.4	16
182.7	15
190.9	14
208.7	13
232.7	12
239.0	30

NOAA
National
Ocean
Service

Drop 045
Latitude : 12 32.7 N
Longitude: 153 56.9 E
Probe T-06
Date 87/11/18
Time 19:42 GMT
Bottom depth: 5860 m
Cruise: FA-35/12 OLD PA



Drop 045 Probe T-06 Date 18/11/87 Time 19:42 GMT

Latitude: 12 32.7 N Longitude: 153 56.9 E

Cruise: FM-35/12 OLD PACIFIC

Ship: FRED H. MOORE (WX8295) Bottom depth: 5860 m

WHOLE DEGREE ISOTHERMS

SURFACE TEMP(2.59 m): 28.94 (C)

BOTTOM TEMP(459.71 m): 7.37 (C)

Depth meters	Temp (C)
44.6	28
54.2	27
69.0	26
95.3	25
115.2	24
128.6	23
141.3	22
149.0	21
166.8	20
173.2	19
182.7	18
186.5	17
194.8	16
211.2	15
219.4	14
229.6	13
244.1	12
268.6	11
300.0	10
343.8	9
406.6	8

NOAA

National
Ocean
Service

Drop 047

Latitude : 15 24.5 N

Longitude: 158 36.0 E

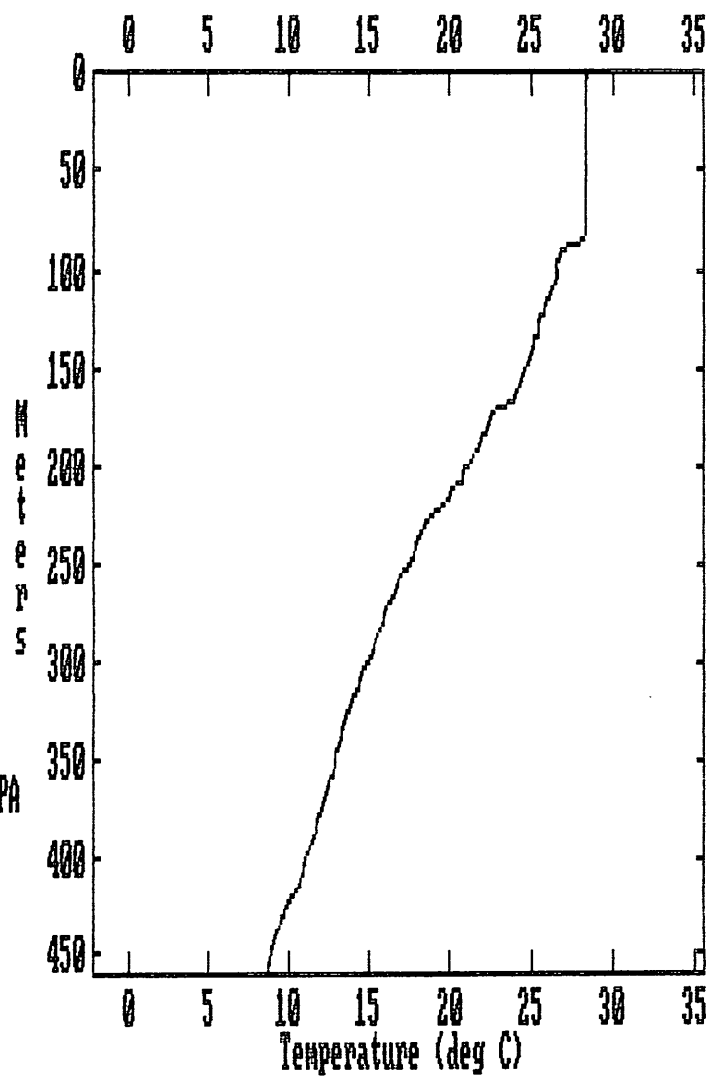
Probe T-06

Date 87/11/21

Time 19:43 GMT

Bottom depth: 5861 m

Cruise: FM-35/12 OLD PA



Drop 047 Probe T-06 Date 21/11/87 Time 19:43 GMT

Latitude: 15 24.5 N Longitude: 158 36.0 E

Cruise: FM-35/12 OLD PACIFIC

Ship: FRED H. MOORE (WX8295)

Bottom depth: 5861 m

WHOLE DEGREE ISOTHERMS

SURFACE TEMP(2.59 m): 28.32 (C)

BOTTOM TEMP(459.71 m): 8.66 (C)

Depth meters	Temp (C)
86.3	28
89.5	27
115.8	26
142.6	25
165.5	24
170.6	23
185.2	22
200.5	21
215.0	20
224.5	19
236.5	18
254.8	17
273.0	16
298.2	15
317.6	14
343.8	13
375.6	12
401.0	11
421.5	10
444.9	9

NOAA

National
Ocean
Service

Drop 051

Latitude : 20 34.2 N

Longitude: 154 25.9 E

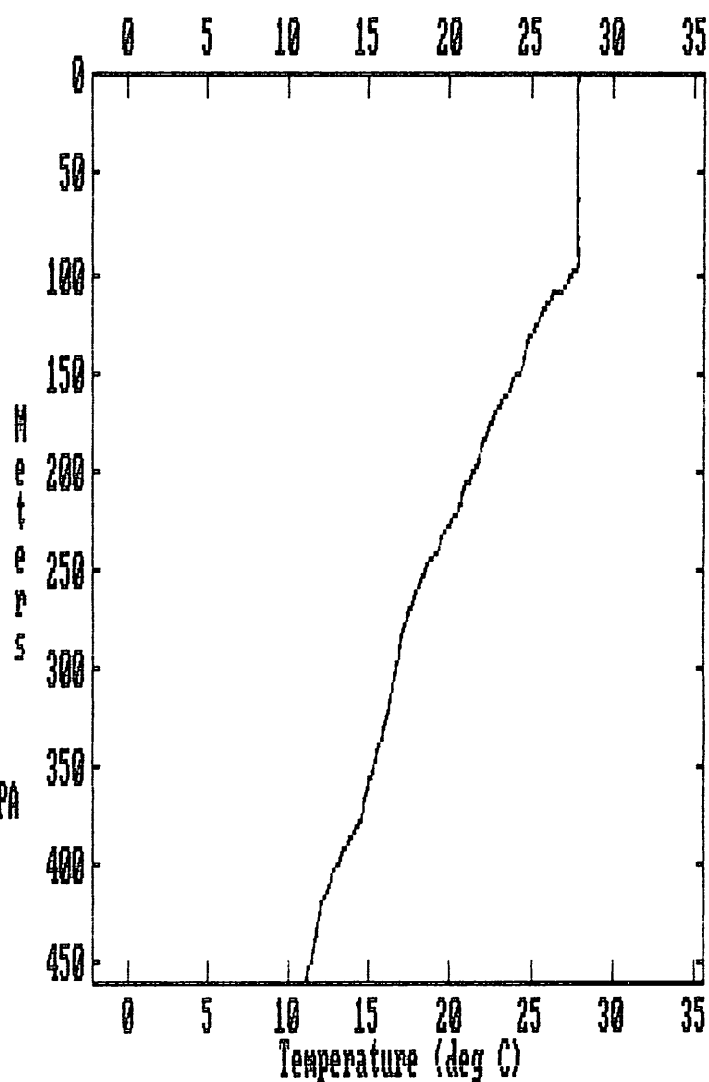
Probe T-06

Date 87/11/25

Time 20:39 GMT

Bottom depth: 3188 m

Cruise: FM-35/12 OLD PA



Drop 051 Probe T-06 Date 25/11/87 Time 20:39 GMT

Latitude: 20 34.2 N Longitude: 154 25.9 E

Cruise: FM-35/12 OLD PACIFIC

Ship: FRED H. MOORE (WX8295) Bottom depth: 3188 m

WHOLE DEGREE ISOTHERMS

SURFACE TEMP(2.59 m): 27.87 (C)

BOTTOM TEMP(459.71 m): 11.02 (C)

Depth meters	Temp (C)
107.5	27
115.2	26
130.5	25
152.8	24
168.1	23
187.8	22
207.4	21
227.7	20
242.8	19
260.5	18
286.2	17
327.6	16
358.1	15
384.3	14
399.8	13
423.3	12

SHIPS WEATHER REPORT

06:57 26/11/1987

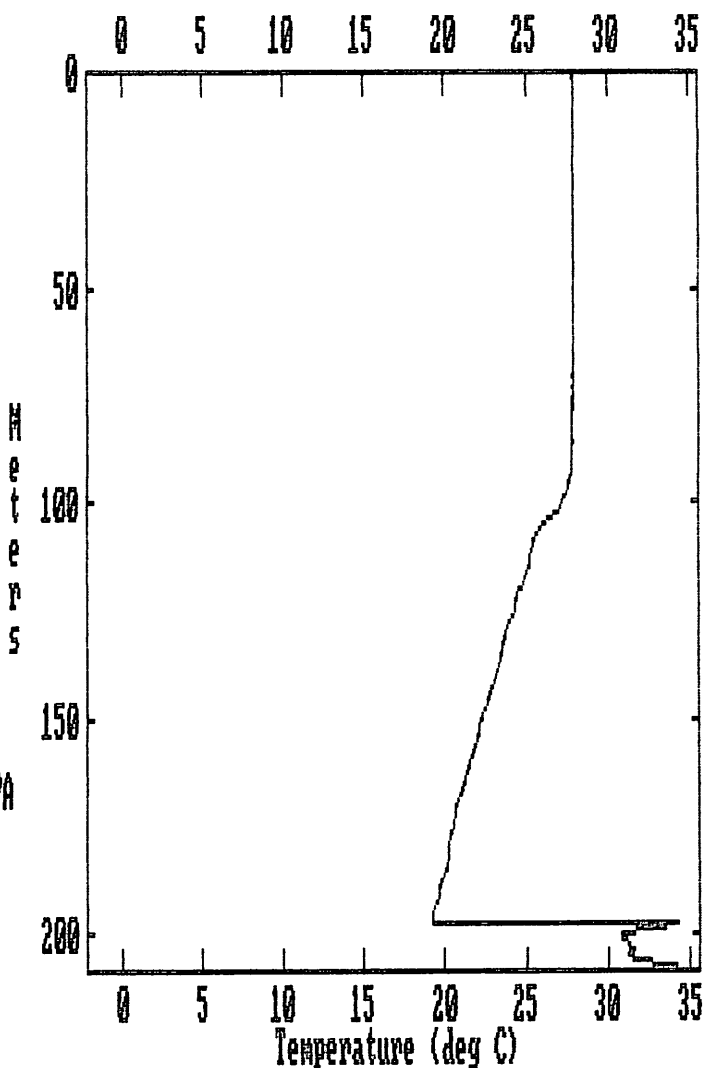
YYGGI 99LLL QLLLL 4ihVV Nddff 1sTTT 2sTT/ 4PPPP 5appp 7wwWW
26073 99200 11538 41698 20813 10278 2024/ 40169 55010 7/////

8NCCC 222Dv 0sTTT 2PPHH 3dddd 4PPHH 5PPHH 6IEER ICE cSbDz
82200 22251 00280 20202 30811 40506 50505 6///// /////

NOAA

National
Ocean
Service

Drop 052
Latitude : 19 18.8 N
Longitude: 154 20.3 E
Probe T-06
Date 87/11/26
Time 19:53 GMT
Bottom depth: 5519 m
Cruise: FA-35/12 OLD PA



Drop 052 Probe T-06 Date 26/11/87 Time 19:53 GMT

Latitude: 19 18.8 N Longitude: 154 20.3 E

Cruise: FM-35/12 OLD PACIFIC

Ship: FRED H. MOORE (WX8295) Bottom depth: 5519 m

WHOLE DEGREE ISOTHERMS

SURFACE TEMP(2.59 m): 27.91 (C)

BOTTOM TEMP(209.32 m): 34.65 (C)

Depth meters	Temp (C)
102.4	27
106.2	26
116.4	25
127.3	24
142.6	23
155.4	22
167.4	21
186.5	20
198.6	34
199.2	33
199.8	32
201.1	31
207.4	32
208.1	33
209.3	35

SHIPS WEATHER REPORT

06:58 27/11/1987

YYGGI 99LLL QLLLL 4ihVV Nddff 1sTTT 2sTT/ 4PPFF 5appp 7wwWW
 27073 99187 11552 41297 50924 10278 2024/ 40155 50015 7/////

8NCCC 222Dv 0sTTT 2PPHH 3dddd 4PPHH 5PPHH 6IEER ICE cSbDz
 85200 22231 00279 20403 30901 40609 50507 6///// /////

NOAA

National
 Ocean
 Service

Drop 053

Latitude : 18 07.2 N

Longitude: 156 01.0 E

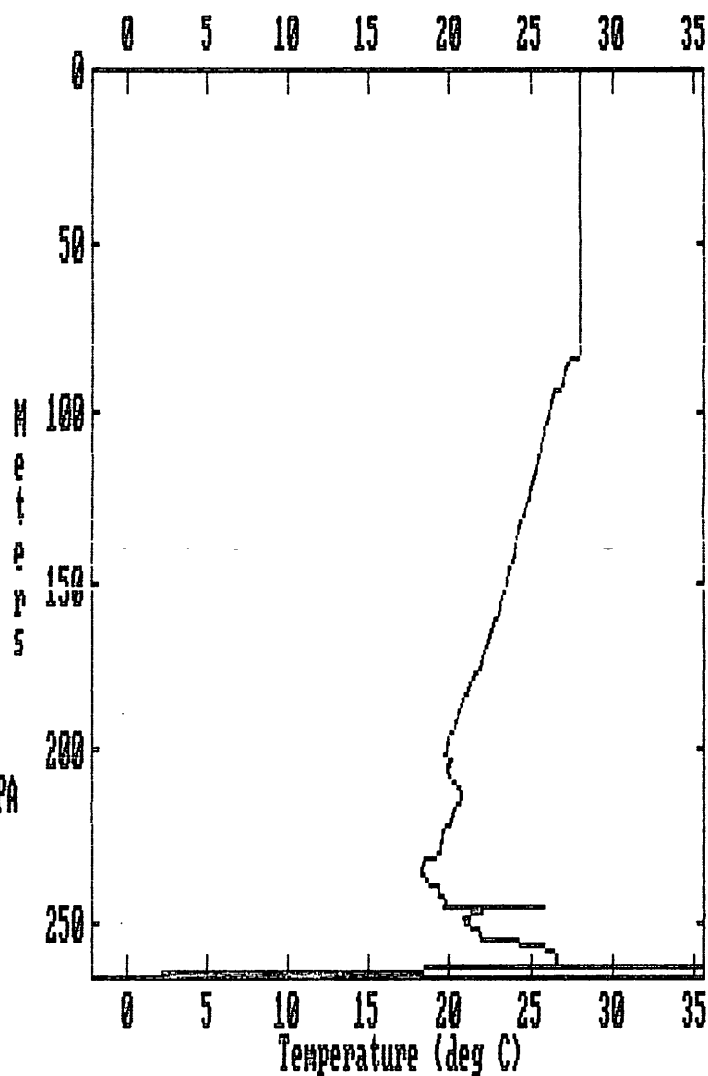
Probe T-06

Date 07/11/27

Time 19:39 GMT

Bottom depth: 3181 m

Cruise: FM-35/12 OLD PA



Drop 053 Probe T-06 Date 27/11/87 Time 19:39 GMT

Latitude: 18 07.2 N Longitude: 156 01.0 E

Cruise: FM-35/12 OLD PACIFIC

Ship: FRED H. MOORE (WX8295) Bottom depth: 3181 m

Spt.	Depth	Temp.
1	2.6	28.05
2	83.8	27.92
3	87.0	27.21
4	93.4	26.78
5	103.0	26.03
6	175.7	21.84
7	200.5	19.85
8	204.9	19.90
9	210.0	20.55
10	215.7	20.65
11	227.0	19.50
12	230.2	19.44
13	232.1	18.48
14	237.1	18.43
15	239.7	18.98
16	243.4	19.59
17	246.0	25.82
18	247.2	21.75
19	250.4	20.94
20	253.5	21.93
21	254.8	21.94
22	256.1	23.71
23	257.9	25.77
24	259.8	26.64
25	262.4	26.67
26	264.2	26.55
27	265.5	4.01
28	266.8	-.94

NOAA

National
Ocean
Service

Drop 054

Latitude : 16 55.9 N

Longitude: 157 36.1 E

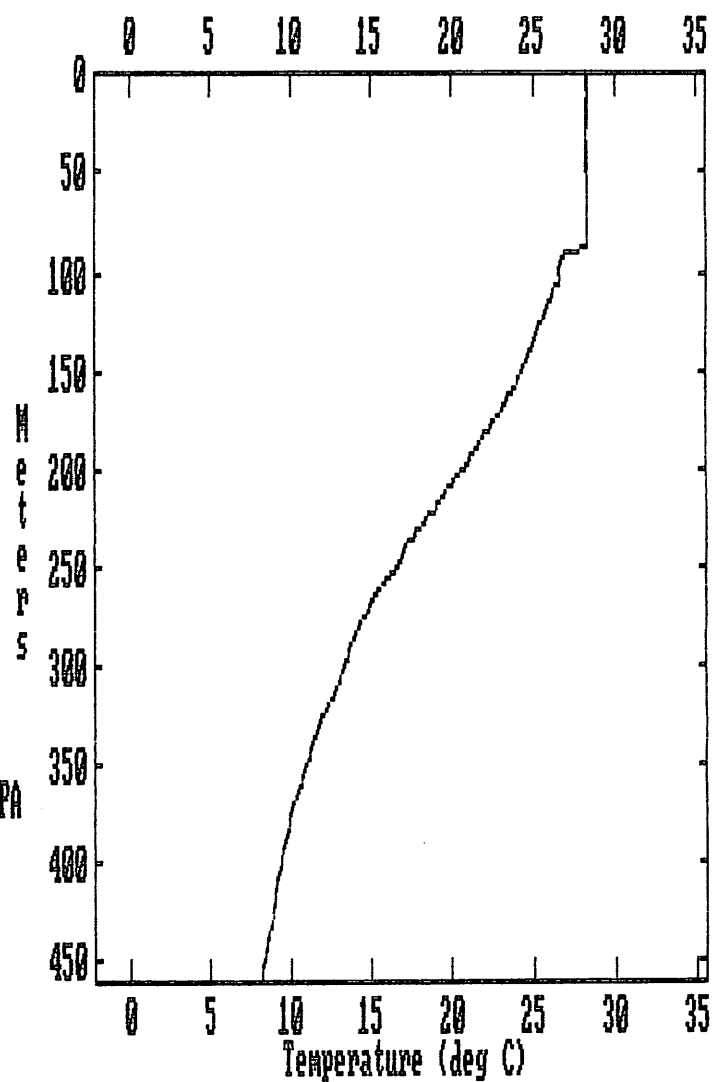
Probe T-06

Date 87/11/28

Time 19:32 GMT

Bottom depth: 5836 m

Cruise: FA-35/12 OLD PA



Drop 054 Probe T-06 Date 28/11/87 Time 19:32 GMT

Latitude: 16 55.9 N Longitude: 157 36.1 E

Cruise: FM-35/12 OLD PACIFIC

Ship: FRED H. MOORE (WX8295)

Bottom depth: 5836 m

WHOLE DEGREE ISOTHERMS

SURFACE TEMP(2.59 m): 28.26 (C)

BOTTOM TEMP(459.71 m): 8.17 (C)

Depth meters	Temp (C)
88.3	28
90.8	27
115.2	26
136.2	25
157.3	24
171.3	23
182.1	22
197.9	21
208.1	20
221.3	19
230.8	18
243.4	17
256.1	16
268.0	15
284.4	14
308.2	13
325.1	12
349.4	11
375.0	10
420.8	9

NOAA

National
Ocean
Service

Drop 055

Latitude : 14 29.7 N

Longitude: 157 59.7 E

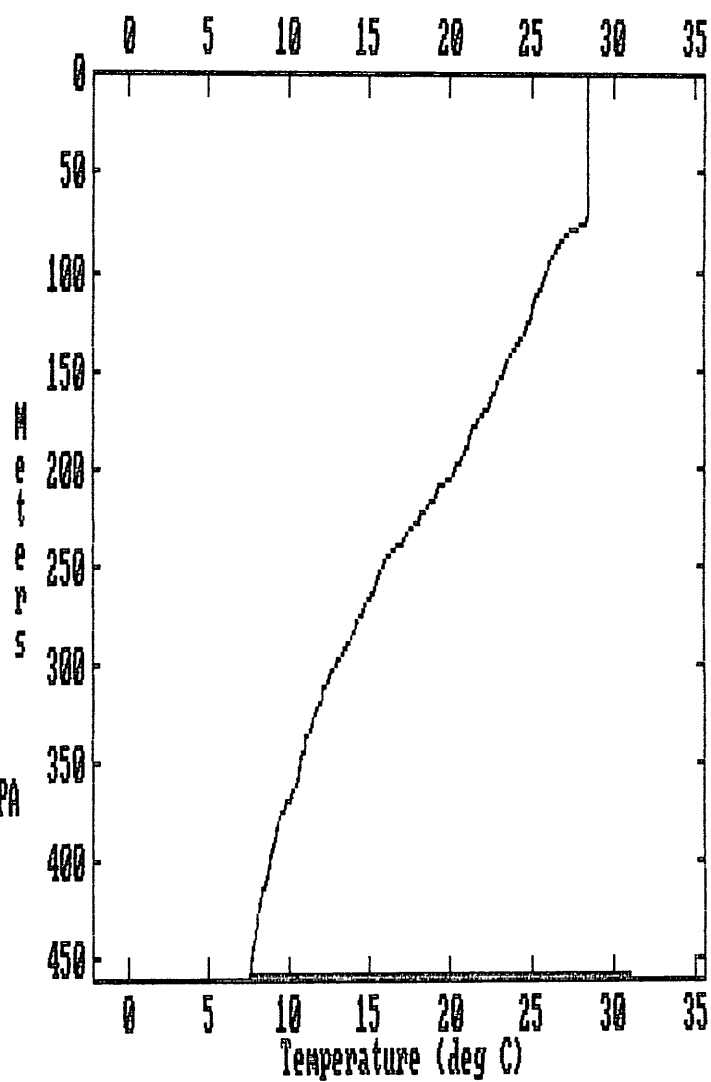
Probe T-06

Date 87/11/29

Time 19:48 GMT

Bottom depth: 5546 m

Cruise: FM-35/12 OLD PA



Drop 055 Probe T-06 Date 29/11/87 Time 19:48 GMT

Latitude: 14 29.7 N Longitude: 157 59.7 E

Cruise: FM-35/12 OLD PACIFIC

Ship: FRED H. MOORE (WX8295) Bottom depth: 5546 m

WHOLE DEGREE ISOTHERMS

SURFACE TEMP(2.59 m): 28.39 (C)

BOTTOM TEMP(459.71 m): 15.00 (C)

Depth meters	Temp (C)
77.4	28
83.1	27
98.5	26
122.2	25
139.4	24
154.7	23
172.5	22
190.3	21
205.5	20
216.3	19
227.7	18
238.4	17
246.0	16
266.1	15
283.1	14
298.2	13
318.2	12
342.6	11
368.7	10
393.6	9
430.1	8
456.6	31
457.3	21
457.9	17
458.5	14
459.1	15

NOAA

National
Ocean
Service

Drop 057

Latitude : 10 35.2 N

Longitude: 158 02.7 E

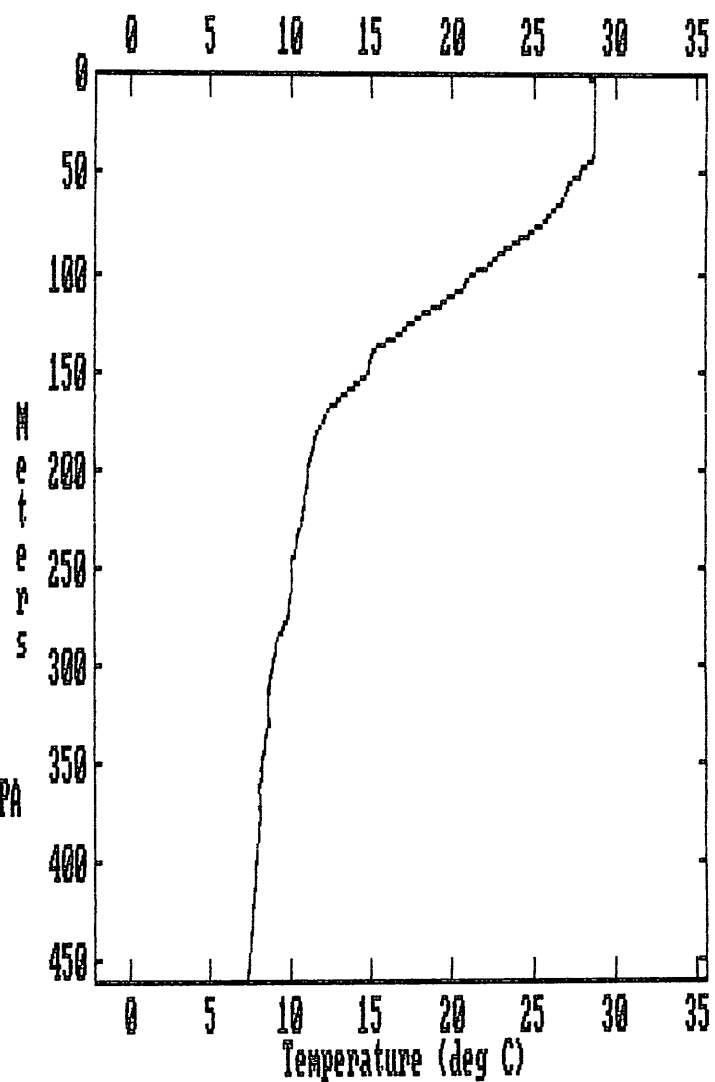
Probe T-06

Date 87/11/30

Time 19:35 GMT

Bottom depth: 3195 m

Cruise: FM-35/12 OLD PA



Drop 057 Probe T-06 Date 30/11/87 Time 19:35 GMT

Latitude: 10 35.2 N Longitude: 158 02.7 E

Cruise: FM-35/12 OLD PACIFIC

Ship: FRED H. MOORE (WX8295)

Bottom depth: 3195 m

WHOLE DEGREE ISOTHERMS

SURFACE TEMP(2.59 m): 28.71 (C)

BOTTOM TEMP(459.71 m): 7.33 (C)

Depth meters	Temp (C)
46.5	28
60.0	27
70.3	26
78.0	25
84.4	24
90.2	23
97.9	22
103.6	21
112.6	20
118.4	19
122.2	18
129.9	17
135.6	16
143.9	15
157.3	14
164.9	13
176.3	12
211.2	11
264.2	10
297.5	9
388.6	8