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「108 年度宜蘭縣溫泉監測及資源保
育計畫」委託服務

108 年溫泉監測年度報告

執行單位：台北市應用地質技師公會
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摘要

本年報整編 108 年度礁溪溫泉、蘇澳冷泉區和員山溫泉監測井的資料，資料內容包含連續每半小時自動記錄一筆的水溫和水位、每月一次人工量測的水位、垂向溫度、溫泉的導電度和 pH 值。監測井數礁溪溫泉有 15 口、蘇澳冷泉有 4 口、員山溫泉有 2 口(溫泉使用井)，另外礁溪溫泉民間有溫泉使用井 4 口，以及水利署有監測井 9 口。監測結果如下。

自動監測之水溫和水位：礁溪溫泉淺部水溫最高為湯圍深監測井，日均溫為 54.470°C，深部水溫最高為德陽路監測井，日均溫為 58.430°C。水位以福崇寺監測井會自湧最高，日平均-4.200 公尺，最低為別墅區三監測井，日平均 23.620 公尺。民家監測井水溫最高為湯圍街 52 號井，日均溫 51.040°C，最低為德陽街 17 號井，日均溫 38.990°C，水位最高為德陽街 17 號井，日平均 0.005 公尺，最低為中山路二段 101 號井，日平均 5.035 公尺。蘇澳冷泉淺部水溫最高為冷泉公園監測井，日均溫 23.864°C，深部水溫最高亦為冷泉公園監測井，日均溫 33.061°C。水位最高為溝邊監測井，日平均-0.137 公尺，最低為冷泉公園監測井，日平均 3.126 公尺。

人工量測垂向溫度：礁溪溫泉區於深度 30-50 公尺出現一高溫區，此區段的溫泉因大量被使用，各監測井普遍於 10-30 公尺都呈現明顯的月溫度變化。碧富邑、香檳、德陽路、奇立丹、礁溪鄉公所等監測井淺部因冷水快速補充呈現略微向上彎曲的微笑曲線。不同地區因地下溫泉的流動、沖積層岩性差異、溫泉抽取量大小、地下水補充速度的影響，造成垂向溫度曲線有不同的樣式。地下溫度分布顯示溫泉水體主要呈西北-東南向分布，與地表坡度一致。蘇澳冷泉淺部溫度受地表氣溫影響大，垂向溫度曲線呈現明顯的花狀構造，氣溫的影響訊號可達深度 15 公尺。50 公尺以內的水體受對流作用影響，溫度接近年均溫。冷泉公園監測井 125-185 公尺溫度梯度非常小，推測該區段地層可能較破碎，地下水對流作用較強，185 公尺以下溫度梯度變大，地層可能較為緻密。

人工量測導電度：礁溪溫泉以香檳監測井因位在溫泉核心區，導電度最高，約 931 μS ，五峰路監測井受溫泉溝溪水補注影響，導電度最低，約

90 μS 。蘇澳冷泉的導電度以冷泉公園監測井最高，約 8458 μS ，溝邊監測井最低，約 102 μS 。

人工量測酸鹼值：礁溪溫泉除礁溪鄉公所監測井外，其餘平均值都在 7~8 之間，呈現弱鹼。其中以遊客中心監測井 8.42 最高，礁溪鄉公所監測井 6.72 最低(大忠路監測井亦出現過 6.72)。蘇澳冷泉大都介於 5~7 之間，呈弱酸，此乃因水中的二氧化碳形成碳酸氫根所致。

人工量測水位：礁溪溫泉以別墅區三監測井水位高程最高，約 20.22 公尺，奇立丹監測井最低，約 4.38 公尺。蘇澳冷泉以瓏山林監測井水位高程最高，約 3.92 公尺，煙波監測井最低，約 1.04 公尺。

民家自動監測之水溫和水位：因日常抽取溫泉，水位の日變化大。水溫最高為湯圍街 52 號井，日均溫為 50.040°C，最低為德陽街 17 號井，日均溫為 38.990°C，水位最高為德陽街 17 號井，日平均為 0.005 公尺，最低為湯圍街 52 號井，日平均為 5.035 公尺，目前各監測井的溫度除了 JS52 監測井以外，都已回升至 40°C 以上。

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壹、溫泉區監測概況

宜蘭縣溫泉資源豐富，天然溫泉露頭至少有 20 處(圖 1-1)，為了推展溫泉觀光產業和溫泉的永續發展，交通部觀光局於宜蘭縣核定礁溪溫泉(99 年 6 月 11 日)、蘇澳冷泉(103 年 4 月 9 日)和員山溫泉(103 年 4 月 9 日)等三個溫泉區，並公告各溫泉區之溫泉開發總量分別為 14,326 CMD、6,751 和 6,094 CMD。

近幾年宜蘭縣政府持續於該 3 個溫泉區進行溫泉的水溫、水位和水質監測，去年(2018 年)監測結果：水溫方面礁溪溫泉最高約 58.44°C、蘇澳冷泉約 32.85°C、員山溫泉約 42.84°C；水位(距離地面)方面礁溪溫泉約 5.60~23.67 公尺、蘇澳冷泉約 0.12~3.24 公尺；導電度方面礁溪溫泉約 65~1091 μS 、蘇澳冷泉約 124~1779 μS ；酸鹼值方面礁溪溫泉約 6.75~8.94、蘇澳冷泉約 5.70~7.92，3 個溫泉區的水質都以碳酸氫鈉泉為主。

各溫泉區之監測工作成果每季編印季報告書，年終編印年報告書，希望建立長期監測資料以瞭解溫泉區溫泉資源的變化，作為每年水權管理的參考。

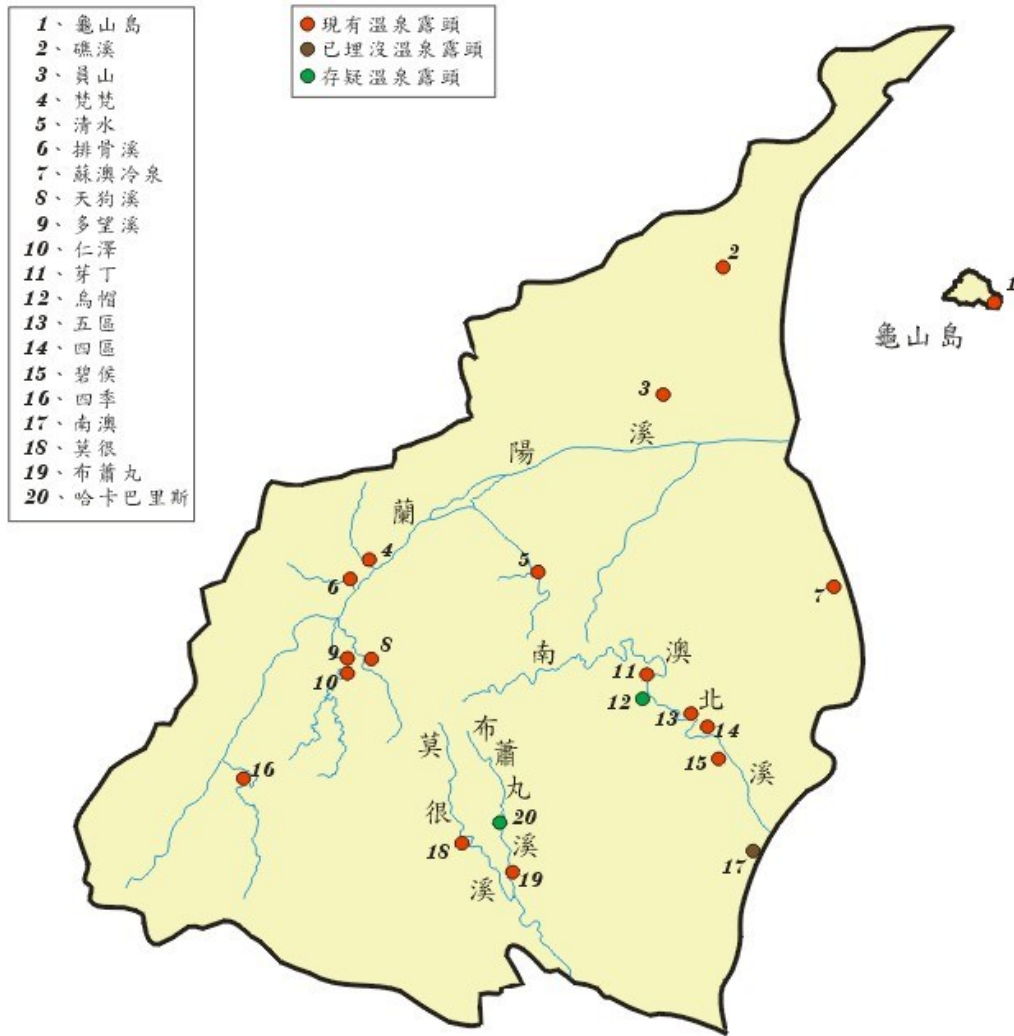


圖 1-1 宜蘭縣溫泉露頭分佈(台灣溫泉探勘服務網，2019)

一、礁溪溫泉

(一)溫泉區範圍

大致北起遠東紡織廠，東側沿鐵路以東約 100 公尺平行鐵路，南側約沿大忠路，並往得子口溪延伸，西側以山邊為界，面積約 277 公頃 (圖 1-2)，其中現有都市計畫區 241.51 公頃、五峰旗風景特定區 14.07 公頃、非都市計畫區 21.8 公頃。

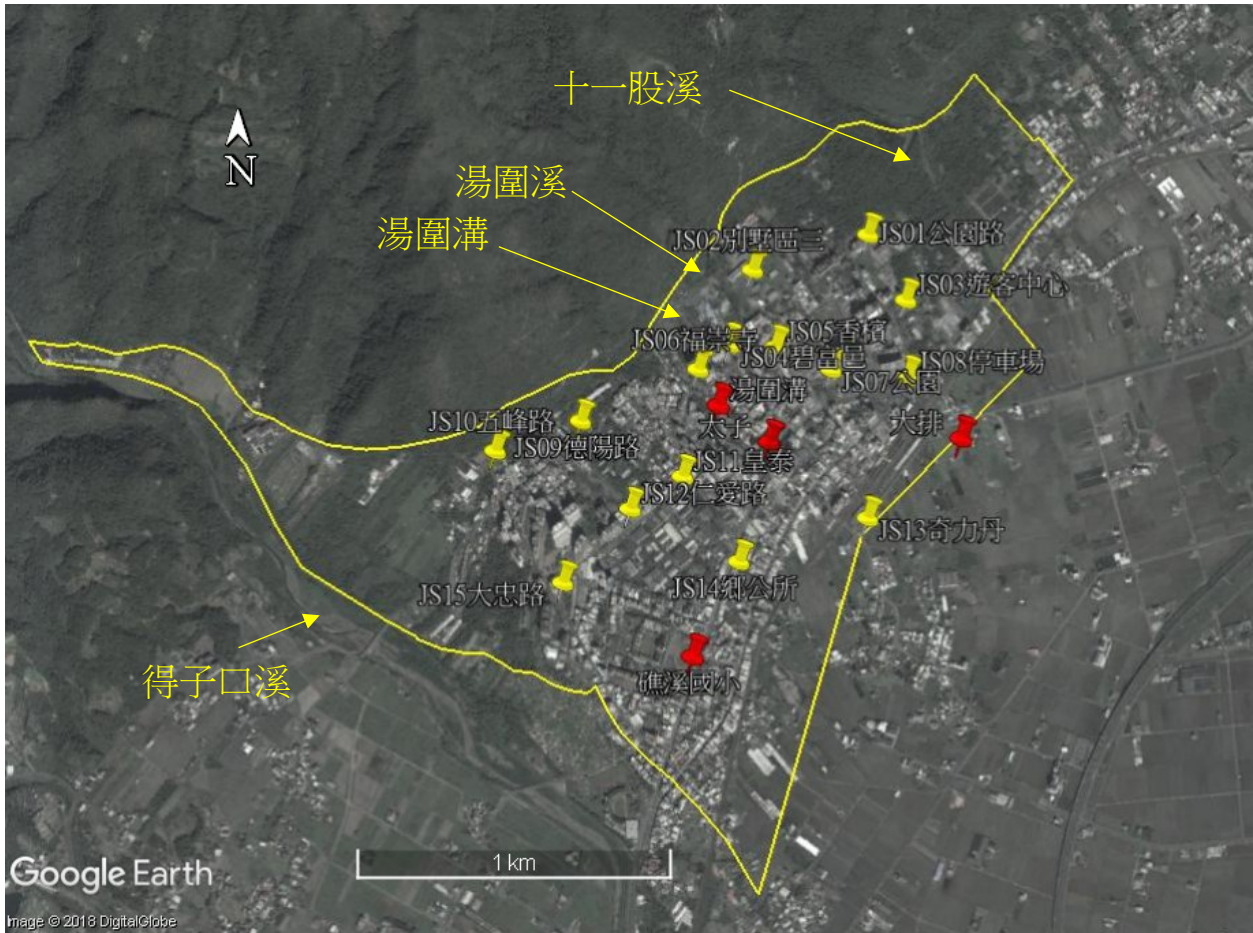


圖 1-2 礁溪溫泉區。黃色曲線為溫泉區範圍，黃色圖釘為縣府監測井，紅色圖釘為水利署監測井。

(二)溫泉模式

熱源、地下水和流體通道為溫泉形成的三要素，熱源大小決定溫泉的溫度，地下水豐富性決定溫泉的量體，流體通道長度和密度決定溫泉可以湧到離地表的深度和出水量，地下水補注區若位於海拔較高處，則容易形成靜水壓力差，使溫泉流至地表形成露頭，這也是為什麼大多數的溫泉都在山谷或溪床，地勢較低的原因，礁溪溫泉的成因，大致可用以下的模式(圖 1-3)來解釋：

1. 乾溝層、四稜砂岩或更深部的變質岩殘餘熱提供溫泉所需的熱源。
2. 地表水在附近山區滲入地層內形成地下水。
3. 地下水經由岩層裂隙(流體通道)流入地下深處，被加熱後再沿裂隙流到地表淺部，形成溫泉露流體通道頭，或由鑽井取得。
4. 山區因容易形成較大的靜水壓力差，可將深處大量的熱水推向地表淺部。

5. 溫度較高的溫泉與淺部較冷的地下水混和，溫度逐漸下降(水質仍達溫泉標準)，因此溫泉溫度在溫泉流出的裂縫處(溫泉溝附近)溫度最高，越往外圍溫度越低。
6. 溫泉來自溫泉區西側基盤裂隙，溫泉從基盤裂隙流出進入沖積層後，在沖積層內沿坡度由西往東流動，深度約 30-50 公尺，溫泉水體往東漸漸變深至 50-70 公尺，形成上下溫度比中間低的現象(圖 1-4)。

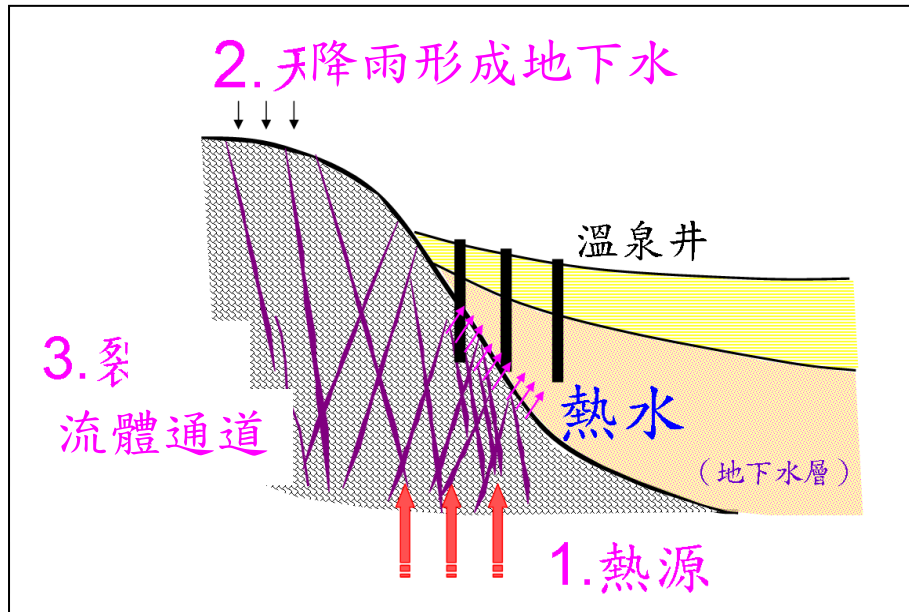


圖 1-3 礁溪溫泉形成示意圖。

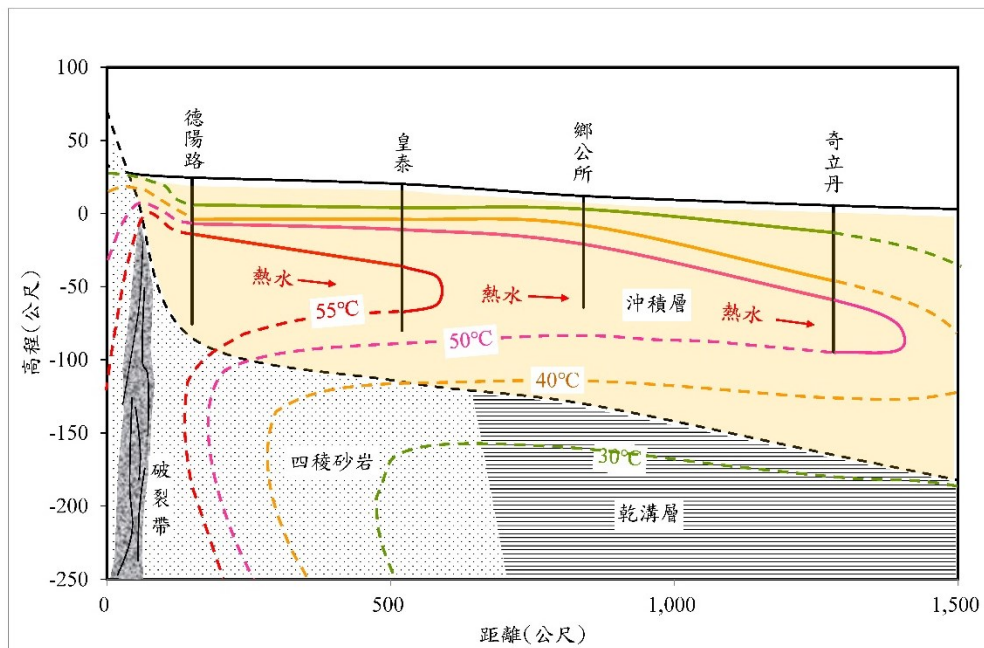


圖 1-4 礁溪溫泉東西向井下溫度剖面圖

二、蘇澳冷泉

(一)溫泉區範圍

蘇澳冷泉位於蘇澳鎮內，北側沿七星山的山緣，東側大約以白米溪為界，南側以小山丘為界，西側約沿蘇澳海事校區四周(圖 1-5)，面積涵蓋主要市區。



圖 1-5 蘇澳冷泉區。黃色曲線為溫泉區範圍，黃色圖釘為縣府監測井。

(二)溫泉模式

蘇澳冷泉因符合溫泉法中的溫泉定義，因此冷泉亦是一種溫泉，蘇澳冷泉的成因和溫泉差不多，同樣需要熱源、豐富的地下水以及岩層裂隙(圖 1-6)，形成模式如下：

1. 熱源：深部的變質岩殘餘熱提供溫泉所需的熱源，根據冷泉中二氧化矽濃度推算，冷泉源頭溫度可達 80°C 以上。冷泉公園一號井和二號井的井內溫度梯度約 3.8°C/100 公尺，以此地溫梯度估計熱源深度約兩公里深。
2. 地下水：附近山區降雨後滲入岩層而形成冷泉區的地下水，蘇澳地區長年下雨，地下水豐沛，多年的水位監測結果，水位幾乎都沒有改變。

3. 流體通道：山區出露的地層為廬山層板岩，板岩裂隙發達，由山區地下水產生的靜水壓力，可使山區地下水流進深部，經加熱溶解圍岩礦物質後再循環上升到地表。
4. 蘇澳冷泉源頭泉水因溶入大量二氧化碳，在泉水上升過程中，除了與地下水混和溫度漸漸下降外，二氧化碳從水中逸出也會吸收部分熱量，因此使泉水的溫度形成終年約 22°C 的冷泉。

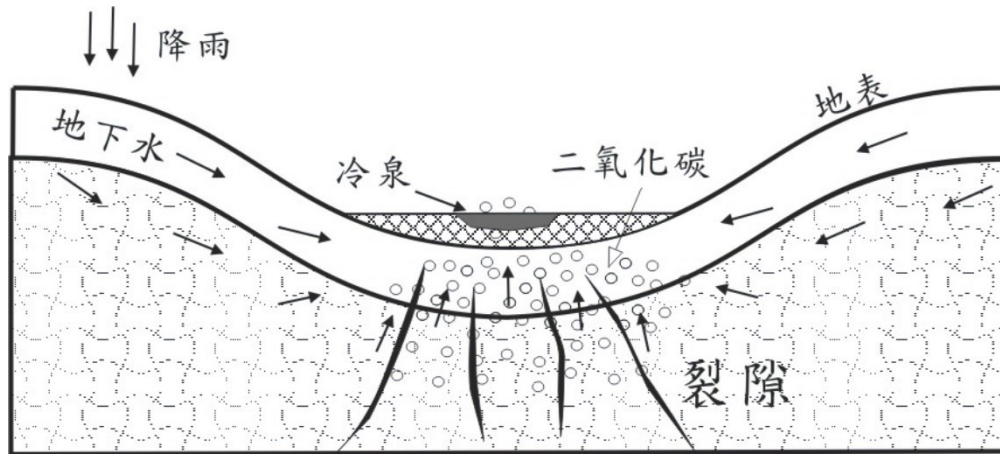


圖 1-6 蘇澳冷泉形成示意圖

三、員山溫泉

員山溫泉區位於員山鄉的內員山，外型類似一靴子，西北側沿山腳線和五十溪支流，東側沿縣 9 甲道路，南側以五十溪為界(圖 1-7)，面積涵蓋主要內員山區。



圖 1-7 員山溫泉區。黃色曲線為溫泉區範圍，黃色圖釘為縣府使用井兼監測井。

四、環境資料

氣象局 108 年礁溪、蘇澳和員山測站之氣壓、氣溫和雨量日平均值如下(圖 1-8~圖 1-16)。

(一)氣壓

礁溪站最高 1027.3 毫巴(1 月 1 日)、最低 985.4 毫巴(8 月 9 日)；蘇澳站最高 1027.3 毫巴(1 月 1 日)、最低 983.8 毫巴(8 月 9 日)；員山站最高 1027.8 毫巴(1 月 1 日)、最低 984.8 毫巴(8 月 9 日)。

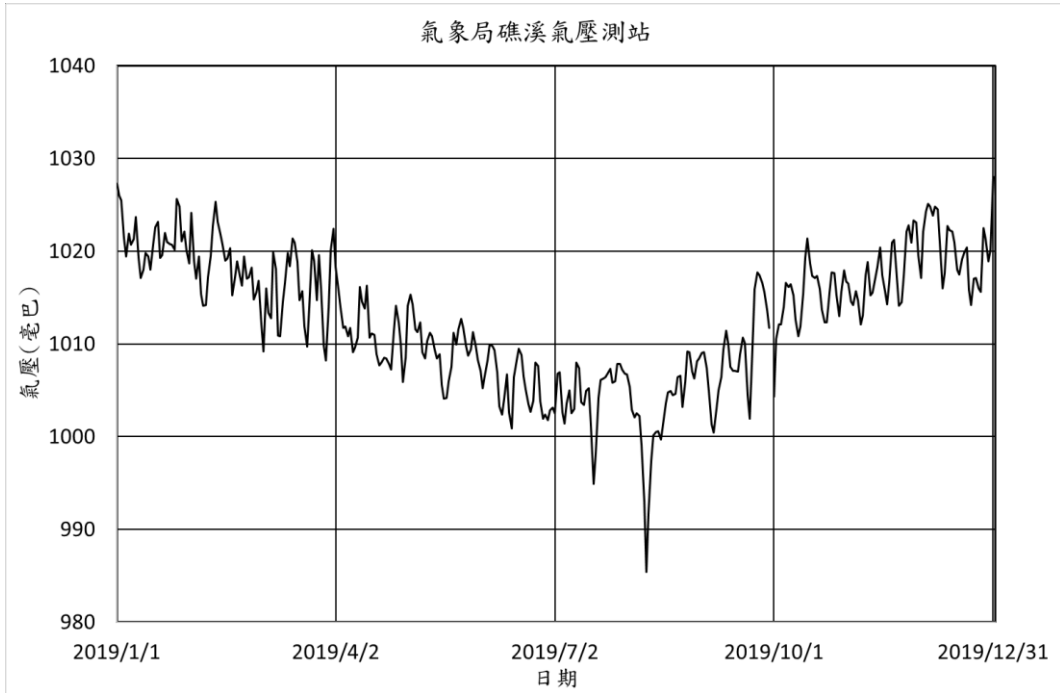


圖 1-8 氣象局礁溪站 108 年 1 月至 12 月日平均氣壓

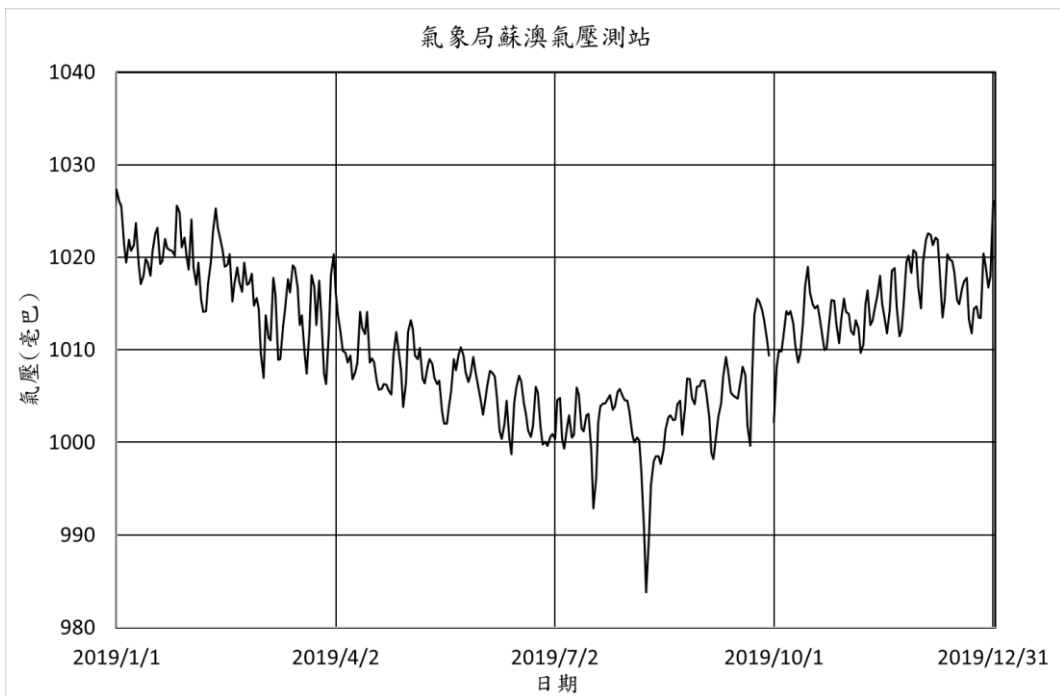


圖 1-9 氣象局蘇澳站 108 年 1 月至 12 月日平均氣壓

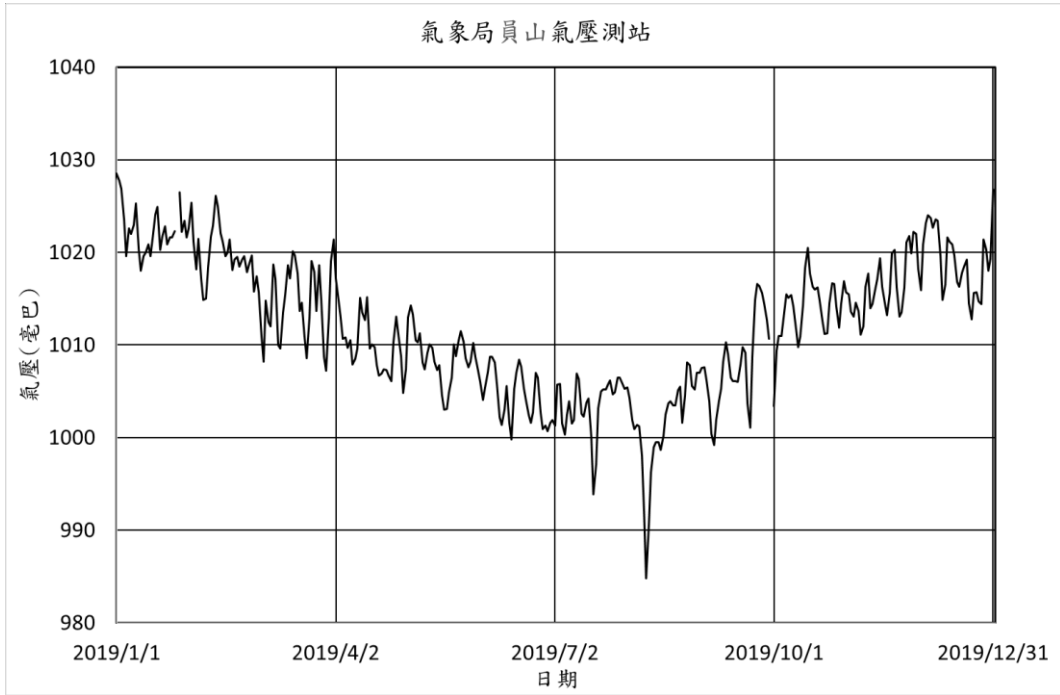


圖 1-10 氣象局員山站 108 年 1 月至 12 月日平均氣壓

(二) 氣溫

礁溪站最高 30.3°C(8 月 11)、最低 13.5°C(3 月 7 日)；蘇澳站最高 30.3°C(8 月 11)、最低 13.7°C(1 月 27 日)；員山站最高 30.7°C(8 月 10)、最低 13.7°C(3 月 7 日)。

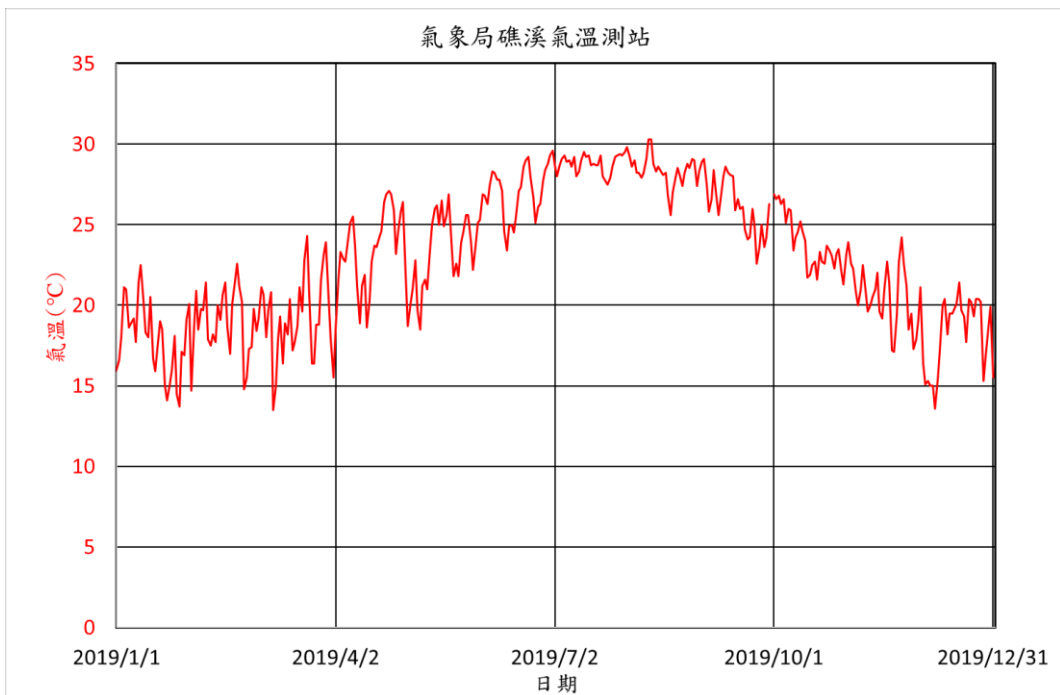


圖 1-11 氣象局礁溪站 108 年 1 月至 12 月日平均氣溫

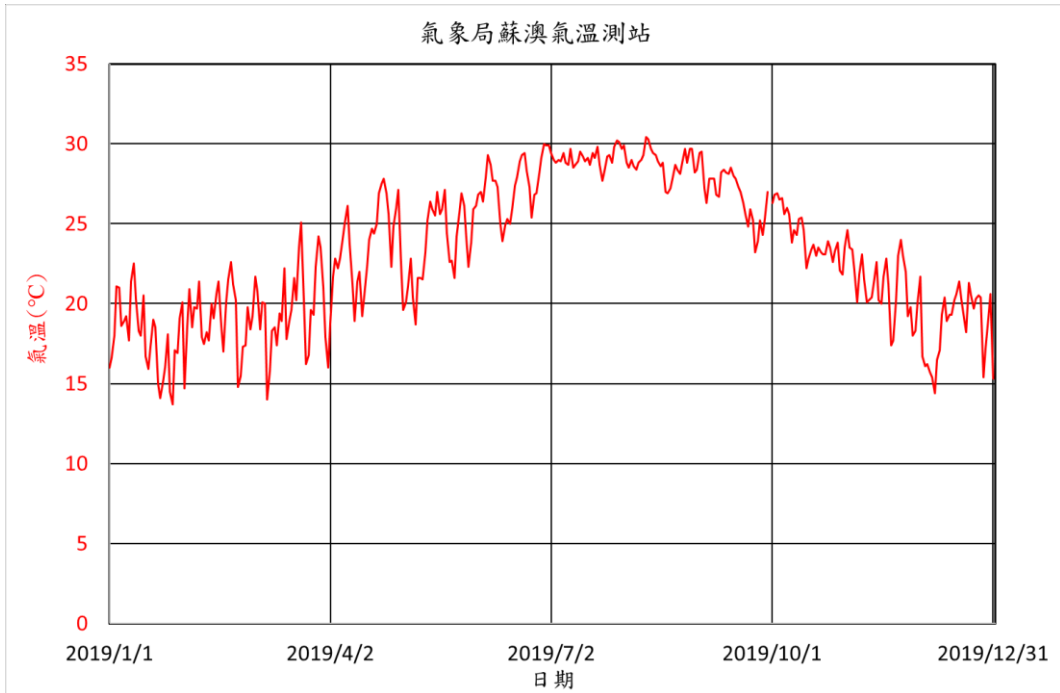


圖 1-12 氣象局蘇澳站 108 年 1 月至 12 月日平均氣溫

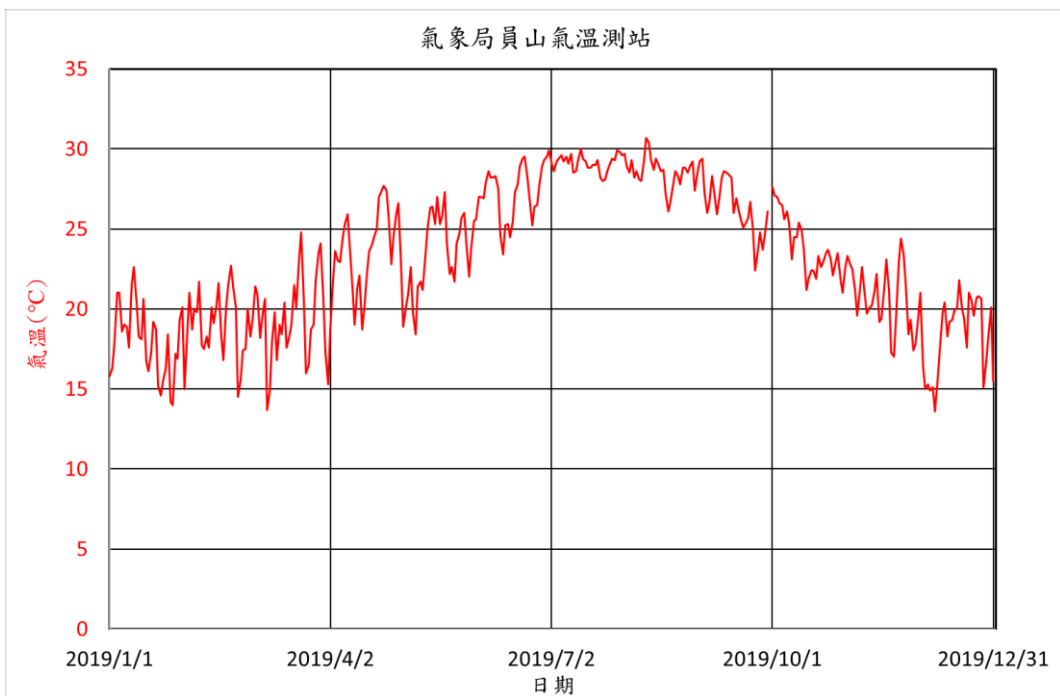


圖 1-13 氣象局員山站 108 年 1 月至 12 月日平均氣溫

(三)雨量

礁溪站最高 94.5 毫米(9 月 27 日)；蘇澳站最高 531.0 毫米(4 月 27 日)；員山站最高 175.5 毫米(10 月 8 日)。

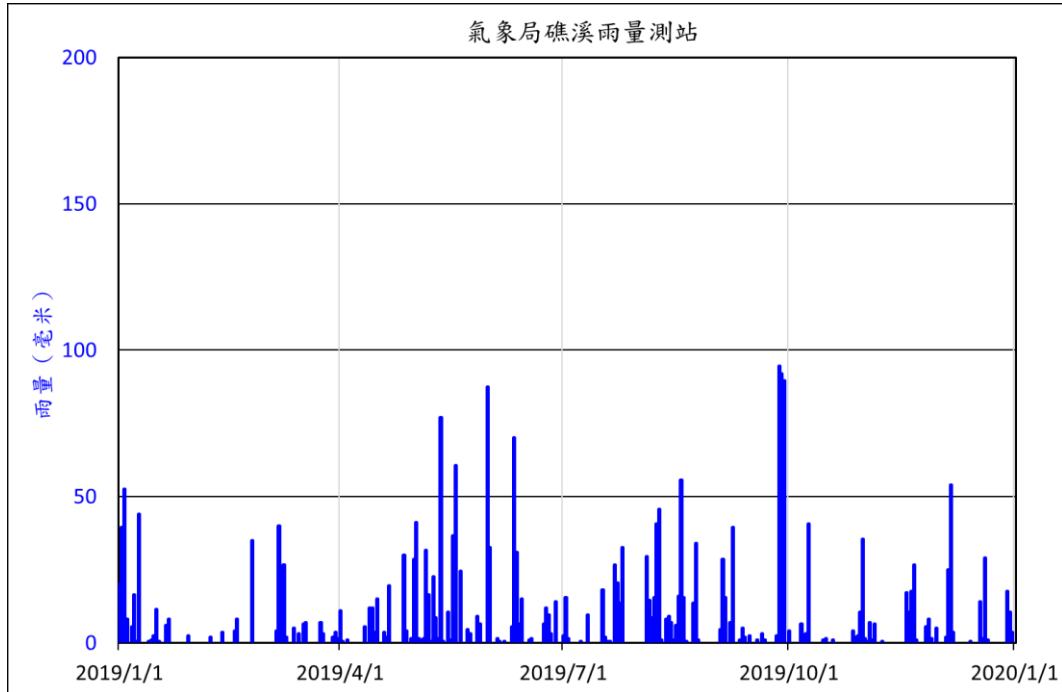


圖 1-14 氣象局礁溪站 108 年 1 月至 12 月日平均雨量

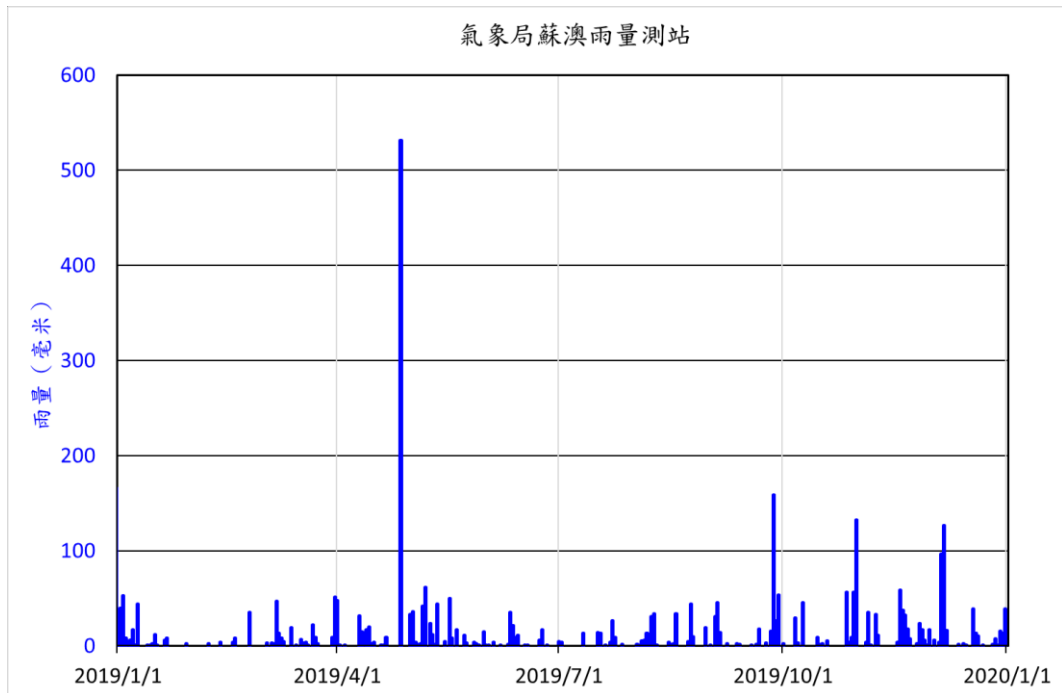


圖 1-15 氣象局蘇澳站 108 年 1 月至 12 月日平均雨量

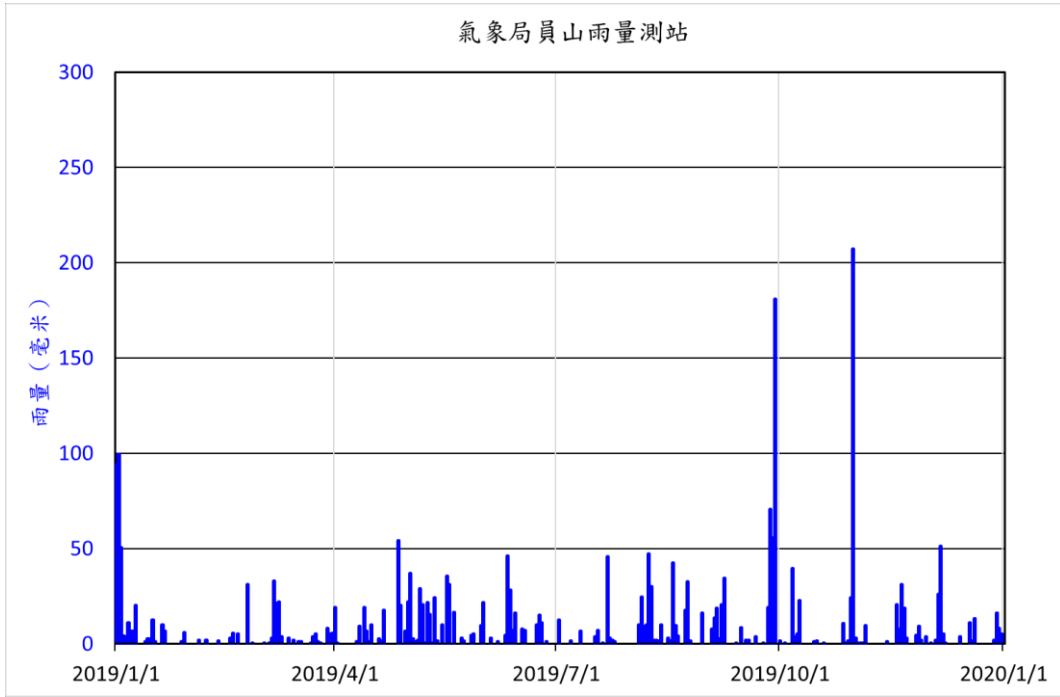


圖 1-16 氣象局員山站 108 年 1 月至 12 月日平均雨量

貳、各溫泉區監測井

一、監測井現況和基本資料

礁溪溫泉有縣府 15 口監測井和民宅 4 口使用井(圖 2-1)，蘇澳冷泉有 4 口監測井(圖 2-2)，員山溫泉有 2 口溫泉使用井(目前由力麗威斯汀公司使用，溫泉監測由該公司負責建置和定期之資料收集)(圖 2-3)。另外礁溪溫泉有水利署 9 口監測井(圖 2-1)。

縣府監測井從 2008 年開始設置，除瓏山林和溝邊井外，其餘監測井深度都超過 60 公尺，最深為蘇澳冷泉監測井，深 203 公尺。井管口徑大都為 4 英吋不銹鋼管，井底設濾水管，井內水位可與地下水位一致。員山溫泉 2 口井因做為溫泉取用，內有抽水馬達，雖然井深都是 250 公尺，但監測器無法放太深，而且也無法量測井內垂向溫度，目前監測器 1 口位於井下 11.2 公尺，1 口位於井口(表 2-1)。

五峰路監測井位於馬路轉角旁，一大貨車經常出入，井口常被車輪壓輾，井口無法密合，2018 年第二季整建監測站，但不久後被壓壞，經修復後，2018 年第三季加強井口標示，但之後仍有被大貨車部分壓損現象，唯恐井體破損，於 2019 年 3 月進行井體攝影檢測，檢測結果井體並無嚴重損壞，但井管相接處有漏水現象，水溫和水位仍深受降雨時漏水的影響。

員山溫泉、礁溪民宅和福崇寺監測井只設置一具監測儀器，其餘監測井都在淺部(0-25 公尺)和深部(井底附近)各放一具。福崇寺監測井井口密封，井管由外接管路連接一壓力感應器，監測井管內水壓，以測得其地下水位，壓力感應器因原先一直損壞中，10 月 23 日修復後才開始再進行記錄工作，另在出水口設置一儲水桶，井管內的溫泉導入儲水桶內，再監測桶內溫泉溫度。遊客中心、碧富邑、香檳、福崇寺、德陽路、奇立丹、煙波和冷泉公園等 8 口監測井採用自動回傳系統，淺部、深部的溫度和水位資料可隨時下載。員山溫泉力麗二號井，長年自湧，監測器也使用密閉式，因此記錄器的壓力值為水位高出地表的高度，跟福崇寺一樣都以負值表示。各監測井詳細基本資料如表 2-1。

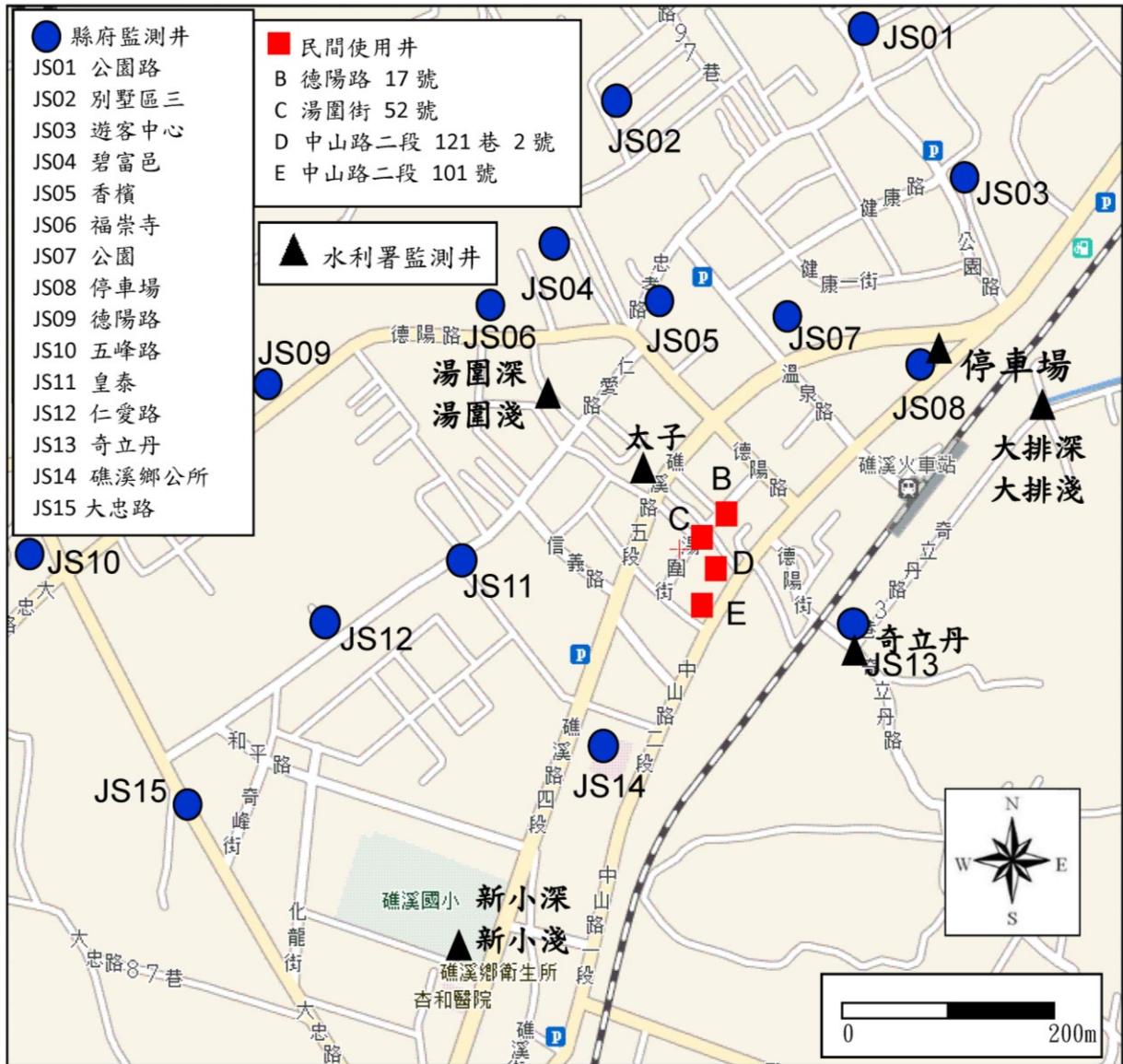


圖 2-1 礁溪溫泉縣府 15 口監測井、民間 4 口使用井和 9 口水利署監測井位置位置

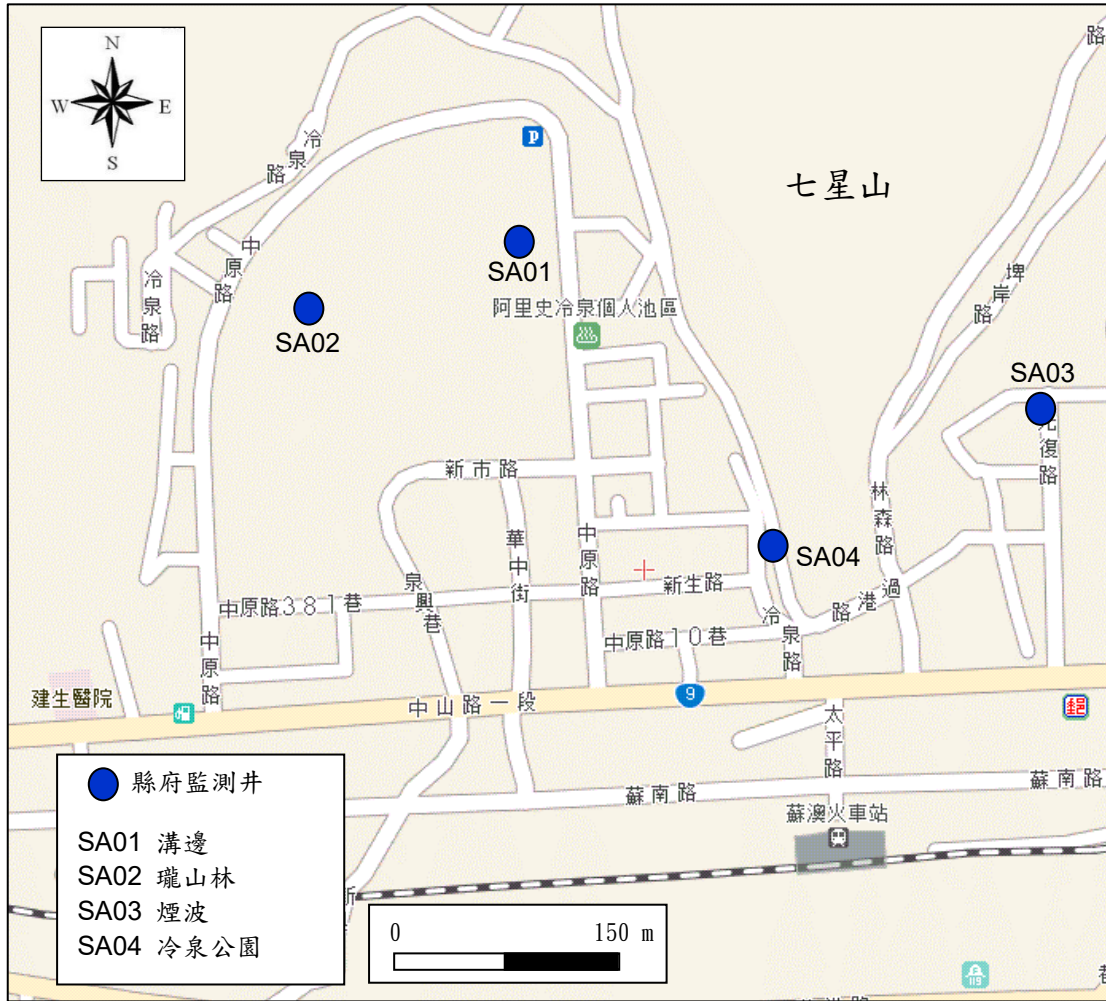


圖 2-2 蘇澳冷泉 4 口監測井位置



圖 2-3 員山溫泉 2 口使用井位置

表 2-1 監測井基本資料和監測器位置深度

井號	溫泉區	井名	設立時間	井口高程(m)	井深(m)	監測儀器深度(m)和儀器名稱			
						淺部	名稱	深部	名稱
JS01	礁溪	公園路	2016	20.286	100.5	4.5	Troll	94.5	Troll
JS02	礁溪	別墅區三	2016	40.393	80.4	25	Troll	75	Troll
JS03	礁溪	遊客中心	2009	13.020	146.5	8.3	Campbell	144.5	Campbell
JS04	礁溪	碧富邑	2016	20.705	49.7	11.6	Campbell	45.6	Campbell
JS05	礁溪	香檳	2009	18.756	60.2	10	Campbell	55	Campbell
JS06	礁溪	福崇寺	2009	15.384	131	Campbell			
JS07	礁溪	公園	2009	11.683	102.5	8	Troll	95	Troll
JS08	礁溪	停車場	2010	7.436	100	7.6	Troll	94.6	Troll
JS09	礁溪	德陽路	2015	24.633	100	18	Campbell	95	Campbell
JS10	礁溪	五峰路	2015	32.078	60	25	Troll	55	Troll
JS11	礁溪	皇泰	2016	15.881	100.9	10	Troll	95	Troll
JS12	礁溪	仁愛路	2016	20.196	75.9	15	Troll	70	Troll
JS13	礁溪	奇立丹	2010	5.502	100	5.7	Campbell	95.4	Campbell
JS14	礁溪	礁溪鄉公所	2016	11.973	86.7	8	Troll	80	Troll
JS15	礁溪	大忠路	2009	24.214	61	19.7	Troll	55	Troll
JS51	礁溪	湯圍街 52 號	2015	-	-	5	Heron		
JS52	礁溪	德陽街 17 號	2015	-	-	5	Heron		
JS53	礁溪	中山路二段 101 號	2015	-	-	5	Heron		
JS54	礁溪	中山路二段 121 巷 2 號	2015	-	-	5	Heron		
SA01	蘇澳	溝邊	2008	3.517	42	15.7	Troll	35	Troll
SA02	蘇澳	瓏山林	2008	4.409	35	12.1	Troll	30	Troll
SA03	蘇澳	煙波	2016	3.851	61.3	10.1	Campbell	55.4	Campbell
SA04	蘇澳	冷泉公園	2008	5.023	203	8.6	Campbell	195	Campbell
IY01	員山	力麗一	2017	-	250	11.2	Diver		
IY02	員山	力麗二	2017	-	250	0	Diver		
3 號	礁溪	停車場淺	2011	9.3	25	5.15	Solinst		
8 號	礁溪	奇利丹淺	2011	7.6	25	5	Solinst		
9 號	礁溪	大排深	2011	5.69	80	10	Solinst		
10 號	礁溪	大排淺	2011	5.62	20	5	Solinst		
11 號	礁溪	新小深	2011	12.86	80	10	Solinst		
12 號	礁溪	新小淺	2012	12.87	20	10	Solinst		
14 號	礁溪	湯圍 01 淺	2010	12.84	44	10	Solinst		
15 號	礁溪	湯圍 02 深	2007	12.88	83	10	Solinst		
16 號	礁溪	太子	2009	9.18	60	10	Troll		

“-” 無資料

二、監測項目和資料收集方式

1. 各監測井的水溫和水位變化：監測儀器每半小時自動紀錄一次水溫和水位，測量人員每個月前往監測井收取儀器紀錄之資料
2. 各監測井人工量測水位：測量人員每個月以水位計量測一次監測井的水位，以確認監測儀器的水位記錄無誤。
3. 各監測井 pH 值及導電度量測：測量人員每個月前往監測井抽取井內的水，現場量測其 pH 值及導電度。
4. 各監測井井下垂向溫度：測量人員每月量測一次監測井的垂向溫度，每 5 公尺測量 1 點，一直到井底。

三、使用儀器

1. 水溫和水位監測：儀器包含 Troll、Diver、Heron、Campbell、Solinst 等廠牌，溫度解析度都可達百分位、水位達公分，記錄筆數超過 1 萬筆，可連續監測半年以上，其中 Campbell 可連接數個資料通道(例如水位、水溫、導電度、pH、氣溫、氣壓、雨量等)，並搭配裝設遠端傳輸設備，可即時將所有的資料傳回 (圖 2-4)。



圖 2-4 水溫和水位監測儀器

2. 人工量測水位：使用 E.J Motiwalla 蜂鳴式水位計進行水位量測(圖 2-5)。水位計繩長 50 公尺，寬 0.6 公分，厚度 0.19 公分，材質玻璃纖維，繩邊緣包裹銅纜，繩頭裝設不銹鋼材質感測器，遇水時會經由銅纜將訊號傳到地面上繩軸的接收器。



圖 2-5 E.J Motiwalla 蜂鳴式水位計

3. 量測 pH 值及導電度：使用 WA-2017SD 水質檢測器量測(圖 2-6)。該檢測器感應器置放在溫泉水中，直接測得溫泉之溫度、酸鹼值和導電度等參數，測量前先作 pH 值標準溶液(pH 7 和 10)和導電度(1413 μS at 25°C)的校正(圖 2-7)。



圖 2-6 WA-2017SD 水質檢測儀器

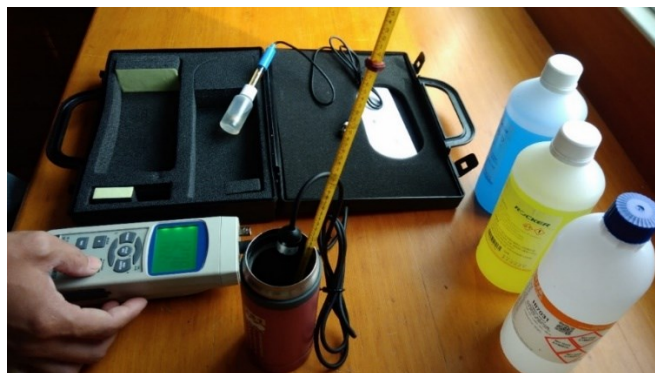


圖 2-7 pH 和導電度的校正

4. 井下垂向溫度：使用台灣大學貴重儀器中心研發的 Miniature logger 小型溫度記錄器(圖 2-4)量測溫度。小型溫度記錄器可快速反應溫度的變化，規格如下：長 24 公分、直徑 2.2 公分、鈦合金材質，測量環境：強酸 pH<2)、高壓(水深 4000 公尺)，測量範圍：0-70°C，解析度：0.0001°C，記憶體：約 32 萬筆，讀取界面：RS232/USB 連接器。

參、監測結果

一、水溫和水位

本年度監測記錄日期從 108 年 1 月 1 日至 108 年 12 月 31 日，監測資料缺失情形如表 3-1。各監測井水溫和水位(距井口深度)變化以每半小時一筆記錄展現於圖 3-1 至圖 3-30 以及圖 3-52 至圖 3-55，各圖中溫度(淺)和溫度(深)代表淺部和深部儀器記錄的溫度資料，資料若因人工進行現場收取儀器而產生不當讀值時，或儀器放入井內溫度未達平衡前，均予以刪除。半小時一筆之水溫和水位資料另做成每日平均值，並統計每個月最高和最低值以及月平均值，統計資料列於表 3-2 至表 3-79 以及表 3-83 至表 3-90，表中符號「--」表示無記錄，「*」表示儀器故障缺資料或資料雜訊予以刪除，「X」表示無法統計。

各監測井監測結果，礁溪溫泉淺部水溫最高為湯圍淺監測井，日平均為 54.470°C (10 月 5 日)。深部水溫最高為德陽路監測井，日平均為 58.430°C (5 月 6 日至 6 月 2 日)。蘇澳冷泉淺部水溫最高為冷泉公園監測井，日平均為 23.864°C (11 月 6 日)。深部水溫最高亦為冷泉公園監測井，日平均為 33.061°C (11 月 27 日)。水位的高低受雨量影響很大，強降雨時，水位很快上升，過去礁溪溫泉公園路、奇立丹、停車場和遊客中心監測井都曾自湧，水位呈負值(高於地表)。本年度公園路、停車場和奇立丹都有自湧現象。福崇寺監測井為受壓含水層，水位長年呈現負值，水位最高，日平均約-4.200 公尺(10 月 24 日)，水位最低為別墅區三監測井，日平均 23.602 公尺(1 月 1 日)。蘇澳溫泉也是一樣，強降雨時，水位明顯上升，當日可達最高點，水位最高為溝邊監測井，日平均-0.137 公尺(1 月 2 日)。水位最低為冷泉公園監測井，日平均 3.126 公尺(7 月 28 日)。

表 3-1 更換故障儀器記錄

井號	溫泉區	井名	資料缺失期間	儀器處理方式
JS01	礁溪	公園路	深部溫度：11/28-12/1	儀器故障，舊儀器過保固期，更換新儀器。
JS05	礁溪	香檳	深部溫度：2/4-2/8	儀器故障，舊儀器過保固期，更換新儀器。
JS07	礁溪	公園	深部溫度：12/28-12/31	儀器故障，舊儀器過保固期，更換新儀器。
JS08	礁溪	停車場	深部溫度：12/24-12/31	儀器故障，舊儀器過保固期，更換新儀器。
JS10	礁溪	五峰路	深部溫度：12/21-12/27 淺部溫度：4/3-5/3	深部儀器故障，舊儀器過保固期，更換新儀器。 淺部儀器故障，舊儀器過保固期，更換新儀器。
JS12	礁溪	仁愛路	深部溫度：11/19-12/1	儀器故障，舊儀器過保固期，更換新儀器。
JS14	礁溪	礁溪鄉公所	深部溫度：12/27-12/31	儀器故障，舊儀器過保固期，更換新儀器。
JS51	礁溪	湯圍街 52 號	溫度和水位：11/10-11/24	儀器故障，舊儀器過保固期，更換新儀器。
SA04	蘇澳	冷泉公園	深部溫度：4/4-5/4 深部溫度：11/14-11/26	4/4-5/4 儀器故障，更換備品。 11/14-11/26 儀器故障，舊儀器過保固期，更換新儀器。

1. 公園路監測井

本井會自湧，已於 2018 年完成井口加高 0.5 公尺工程，但 2019 年 10 月初仍發生自湧現象，自湧時淺部和深部的水溫都有較大的變化，本井最高溫在深度 20-30 公尺附近，深部的水通過該區段溫度會升高，因此，淺部的水溫會有突然比深部還高的現象。

淺部溫度：以 3-4 月較低約 33°C、9 月較高約 37.5°C，溫度變化約 4.5°C。

深部溫度：8 月以後溫度有逐漸降低現象，從 39.4 降至 39.2°C、5-6 月較高約 39.8°C，溫度變化約 0.6°C，溫度在冬季溫泉旺季較低。

水位：1 月中上升達一高點約 0.4 公尺，之後下降至 3-4 月約 2.6 公尺。

回升後於 6 月和 8 月各有一高點分別約 0.2 和 0.5 公尺。10 月初受降雨影響上升達到自湧，之後一直下降到 12 月約 2.8 公尺。

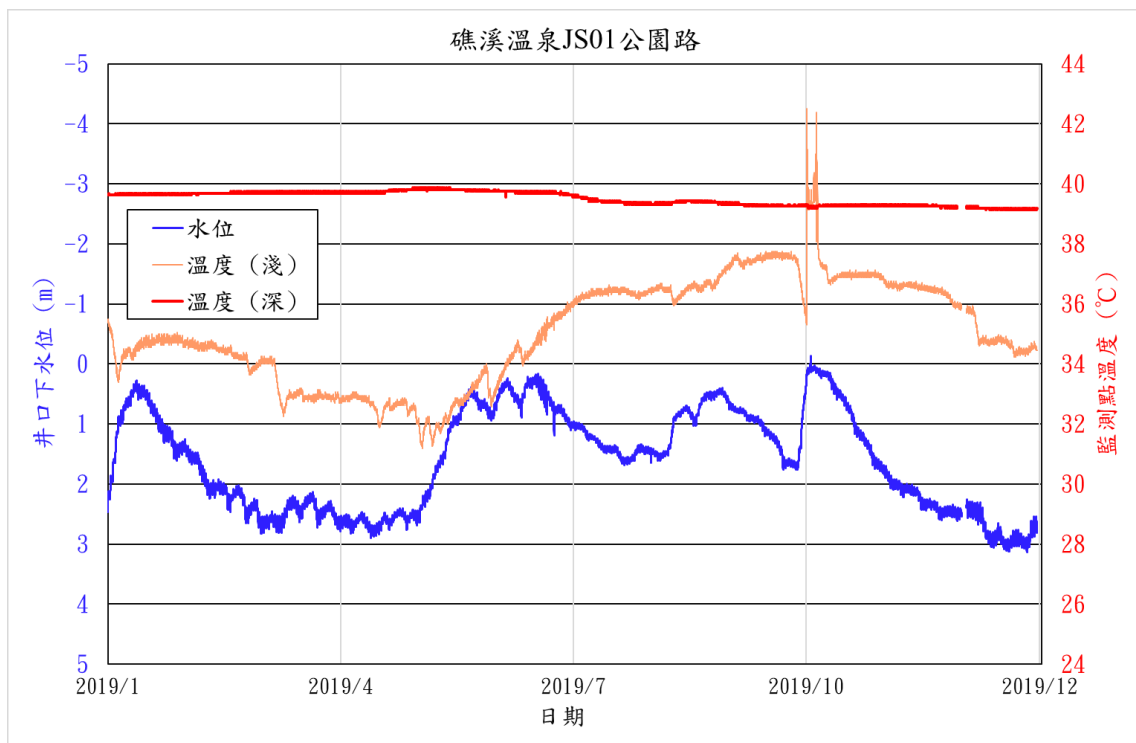


圖 3-1 JS01 公園路監測井水溫和水位變化

資料缺失時段：深部溫度 11/28-12/1。深部儀器故障，舊儀器過保固期，更換新儀器。

2. 別墅區三監測井

淺部溫度：以 1-4 較低約 36.8°C、7-10 月較高約 39°C，溫度變化約 2.2°C，溫度受降雨影響，10 月初的水位上升，溫度從 39°C 下降至 34°C，下降約 5°C。

深部溫度：整年呈下降趨勢，1 月平均約 53.2°C、12 月平均約 52.8°C，溫度下降約 0.4°C。

水位：3-4 月和 10-12 月較低約 22.3 公尺、1-2 月和 5-9 月較高約 20.7 公尺，10 月初受降雨影響，水位突然上升至約 19.8 公尺，月均水位變化約 1.7 公尺。

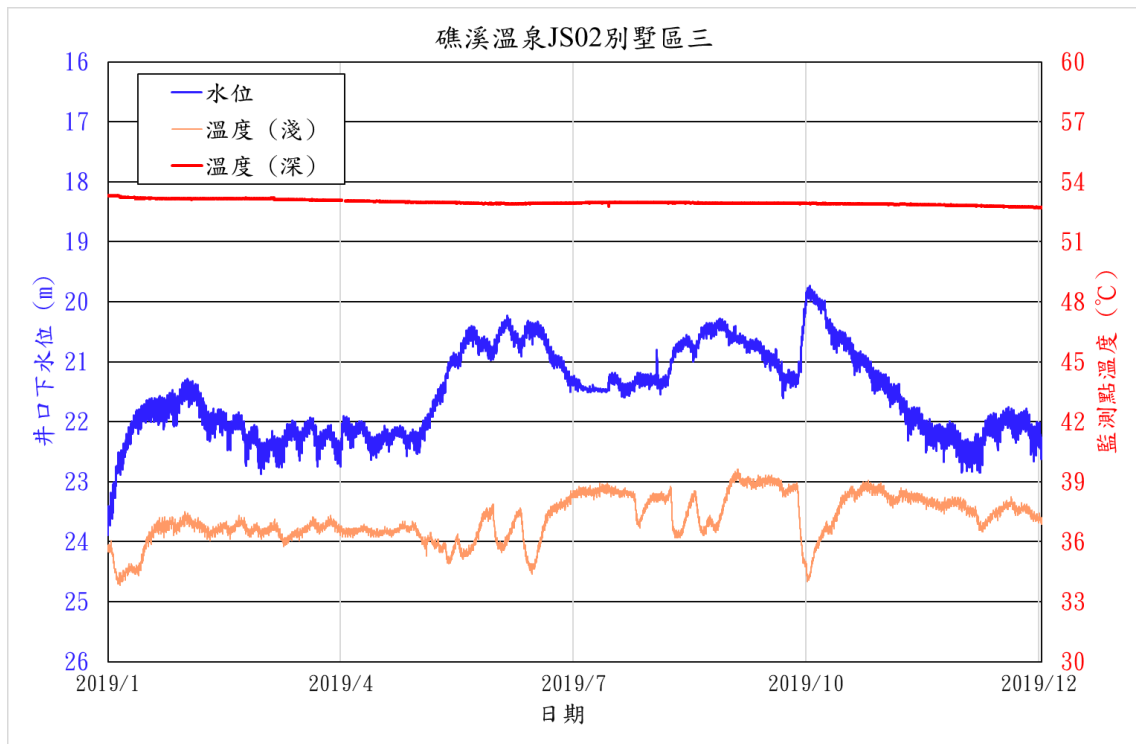


圖 3-2 JS02 別墅區三監測井水溫和水位變化

3. 遊客中心監測井

淺部溫度：大都在 32-33°C 間做變化，水位下降期間，溫度呈上升趨勢，10 月初自湧期間，溫度呈突然上升現象。

深部溫度：呈上升趨勢，但 5 月中溫度下滑約 0.5°C，因此 12 月溫度又回到 1 月的水平。

水位：1-4 月呈下降趨勢，從 1.5 公尺下降到 1.7 公尺，6 月和 8 月各有一高點，接近自湧。10 月之後一直下降到 12 月約 2.2 公尺，月均水位變化約 1.6 公尺。

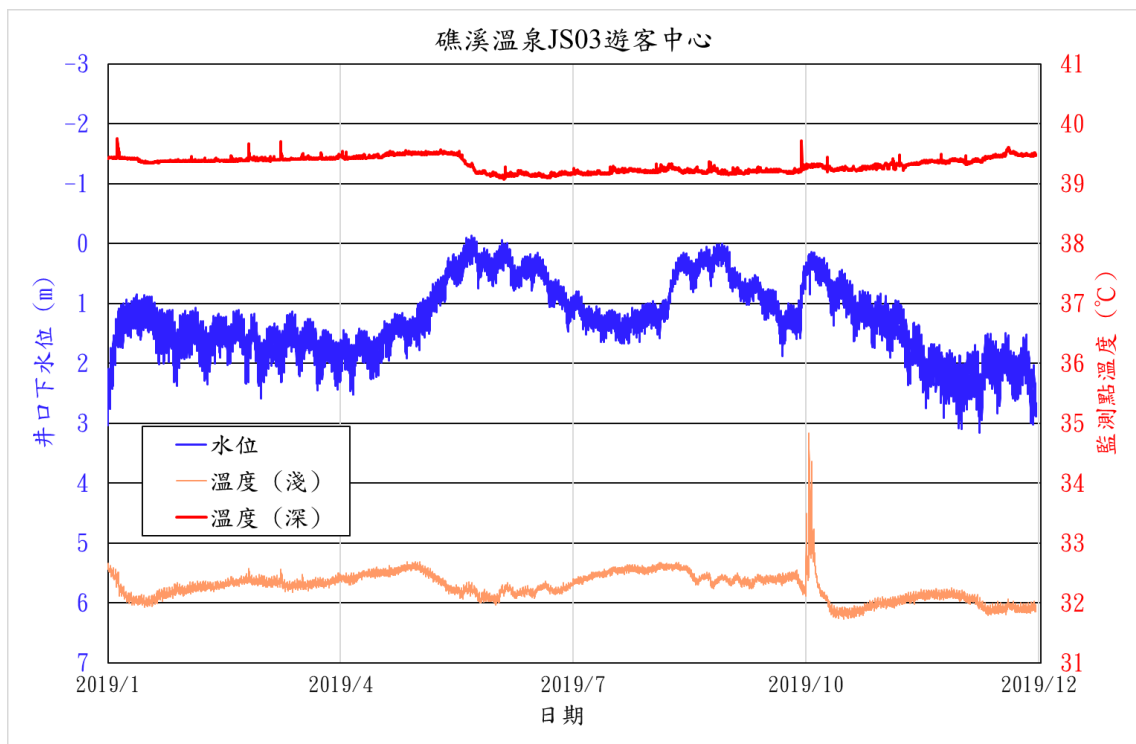


圖 3-3 JS03 遊客中心監測井水溫和水位變化

4. 碧富邑監測井

本井是唯一一口深部溫度變化異常明顯的監測井，推測鄰近溫泉業者在此深度(45 公尺)可能有大量抽取溫泉。

淺部溫度：以 2-4 月較低約 21.7°C、7-8 月較高約 23.7°C，年度溫度變化約 2.0°C。

深部溫度：溫度變化大，經常性的突然下降後再慢慢回升，呈現大量抽取溫泉前後的溫度變化曲線，2-3 月溫度 40-54°C，日均溫變化達 14°C 以上。

水位：3 月和 4 月有一個相對低值約 7.5 公尺，1、5-6、8 月和 10 月相對較高約 4.8 公尺，月均水位變化約 1.5 公尺。

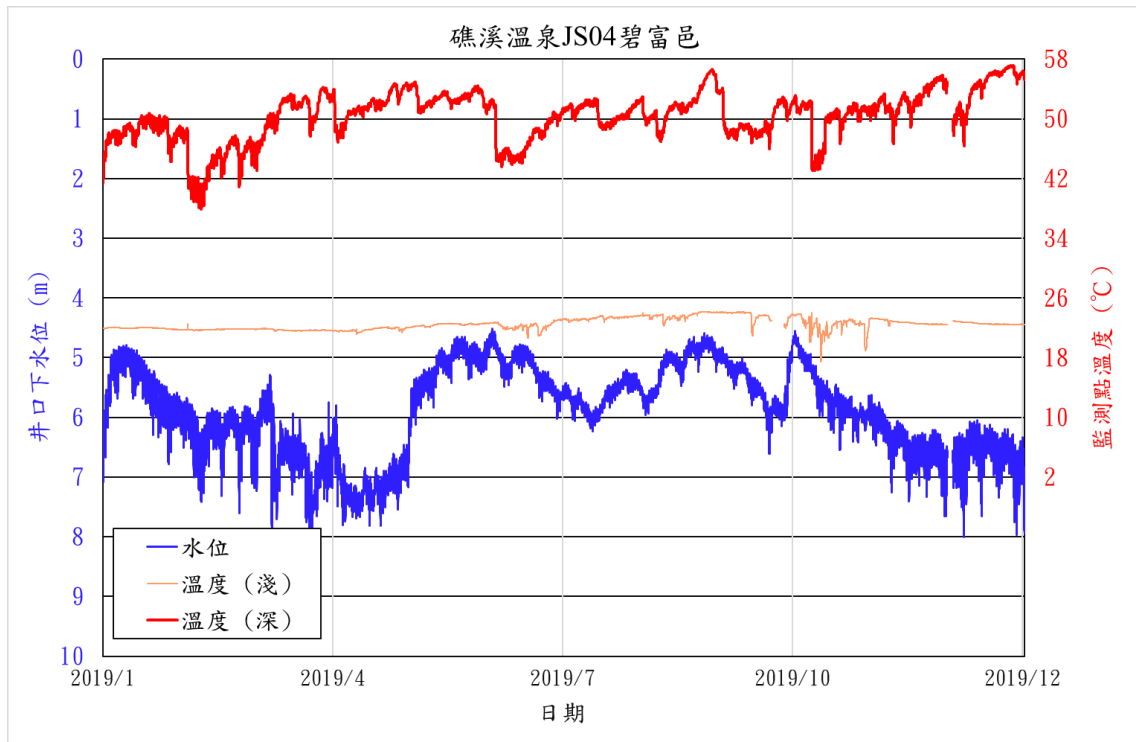


圖 3-4 JS04 碧富邑監測井水溫和水位變化

資料缺失時段：

1. 深部溫度 12/2-12/4、淺部溫度 12/2-12/4、水位 12/2-12/4。深、淺儀器都故障，舊儀器仍在保固中，請儀器公司維修。
2. 水位 9/23-9/26，儀器測試。

5. 香檳監測井

淺部溫度：以 1-2 月和 12 月較低約 24.2-24.5°C、7-9 月較高約 26.2-26.9°C，年度溫度變化約 2.7°C。

深部溫度：呈微幅上升，從 1 月 56.7°C 至 11 月約 57.2°C，溫度上升約 0.5°C。

水位：3 月較低約 6.5 公尺，6-10 月較高約 4.8 公尺，月均水位變化約 1.4 公尺。日水位變化振幅偏大，約 0.8-1.0 公尺。

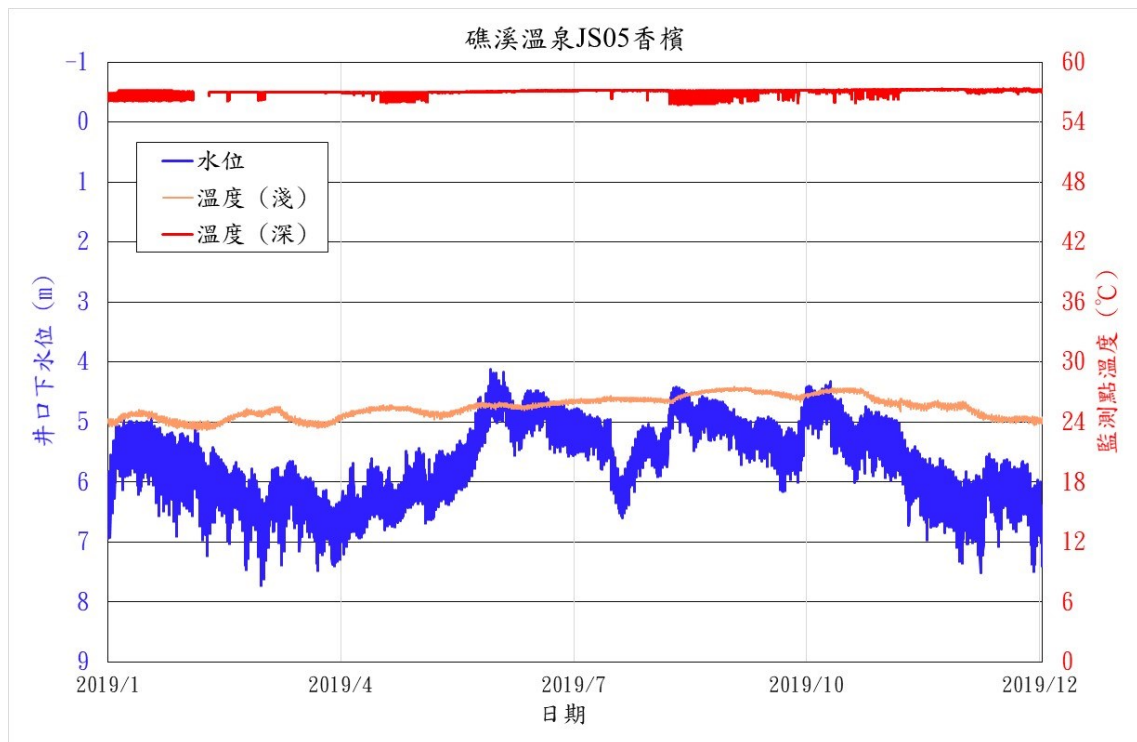


圖 3-5 JS05 香檳監測井水溫和水位變化

資料缺失時段：深部溫度 2/4-2/8，深部儀器故障，舊儀器過保固期，更換新儀器。

6. 福崇寺監測井

淺部溫度：以 2-3 月較低約 56.6°C、6-8 月較高約 57.7°C，年度溫度變化約 1.1°C，11 月以後有很多突然下降數十度的現象，是因為抽水時，沒有水流到置放溫度監測器的小儲水槽，水槽內的水溫受氣溫影響而下降。

深部溫度：無儀器記錄。

水位：10 月重新安裝水位計後溫度持續下降，11-12 月水位有許多突然下降 2 公尺以上的現象，這是因為開啟馬達抽取溫泉，導致導管內的壓力下降。

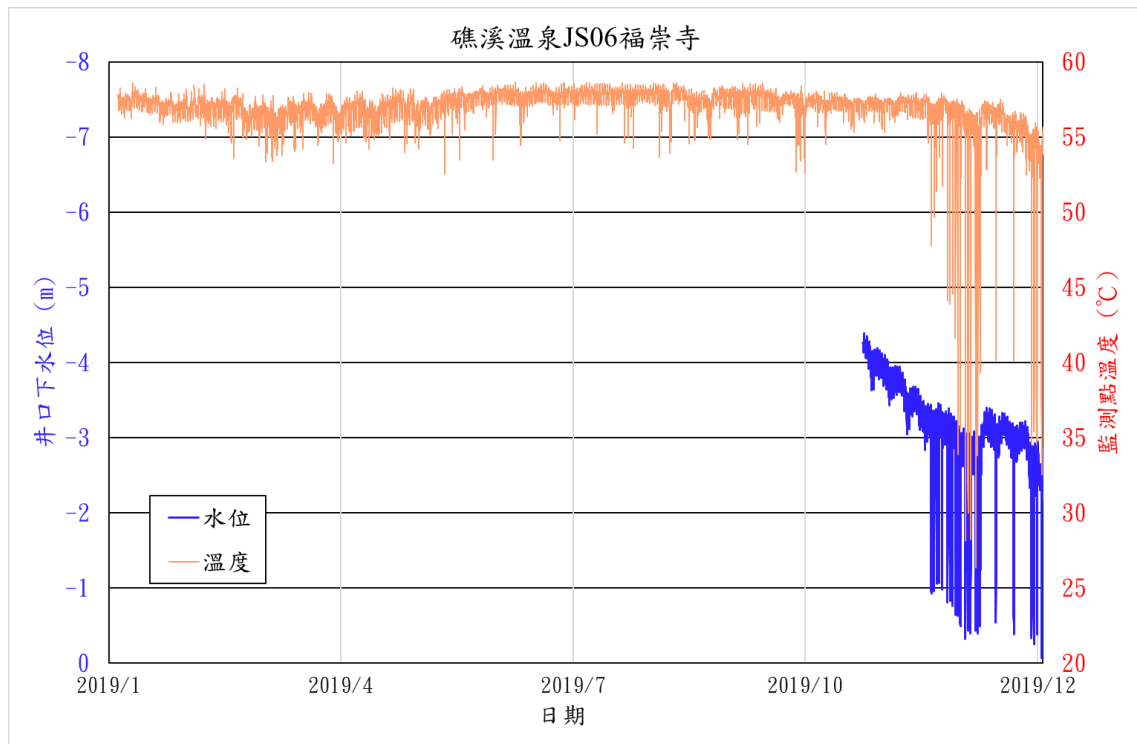


圖 3-6 JS06 福崇寺監測井水溫和水位變化

本年度編列本測站架設自動回傳設備，水位計於 10 月 23 日完成重新安裝。

7. 公園監測井

淺部溫度：以 3-4 月較低約 34.0°C、9-10 月較高約 36.5°C，年度溫度變化約 2.5°C。

深部溫度：一直維持 46.7°C 左右，幾乎沒有變化。

水位：2-4 月較低約 2.8 公尺，1、6、8 月和 10 月相對較高約 1.2 公尺，月均水位變化約 1.0 公尺。

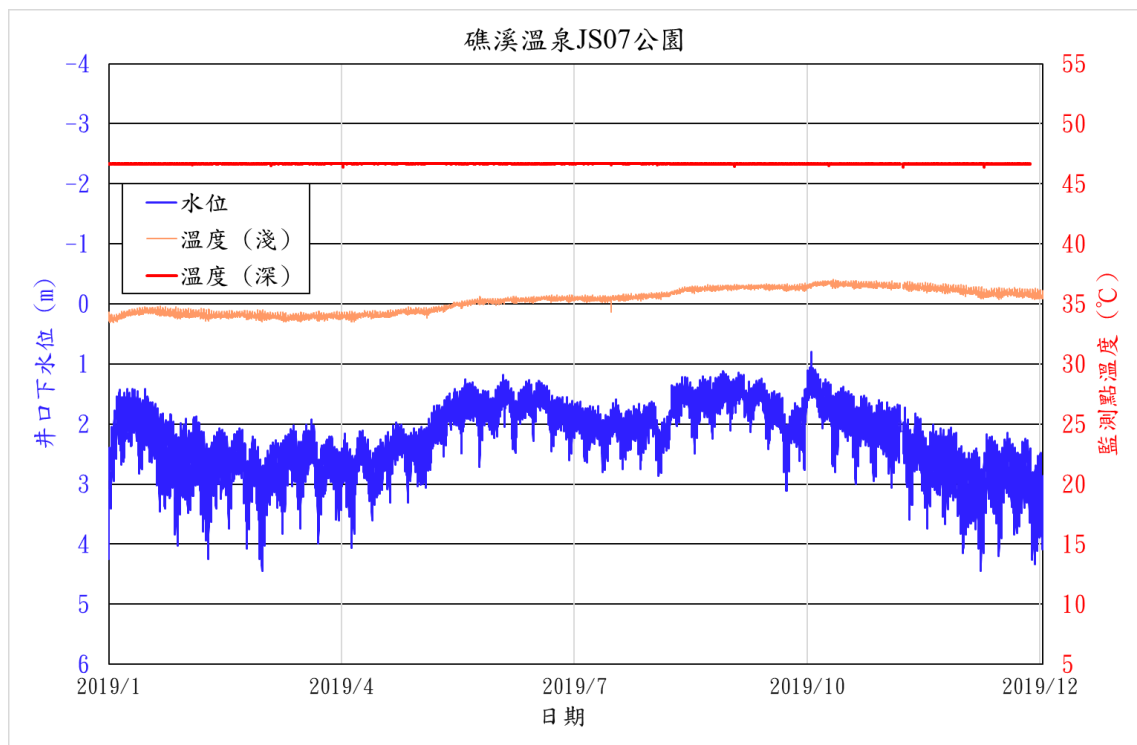


圖 3-7 JS07 公園監測井水溫和水位變化

資料缺失時段：深部溫度 12/28-12/31。深部儀器故障，舊儀器過保固期，更換新儀器。

8. 停車場監測井

淺部溫度：以 4 月較低約 39.8°C、9-11 月較高約 40.5°C，年度溫度變化約 0.7°C。

深部溫度：全年維持約 43.5°C 幾乎沒有變化。

水位：2 月和 12 月較低約 2.0 公尺，8-10 月較高約 0.8 公尺，月均水位變化約 1.3 公尺。

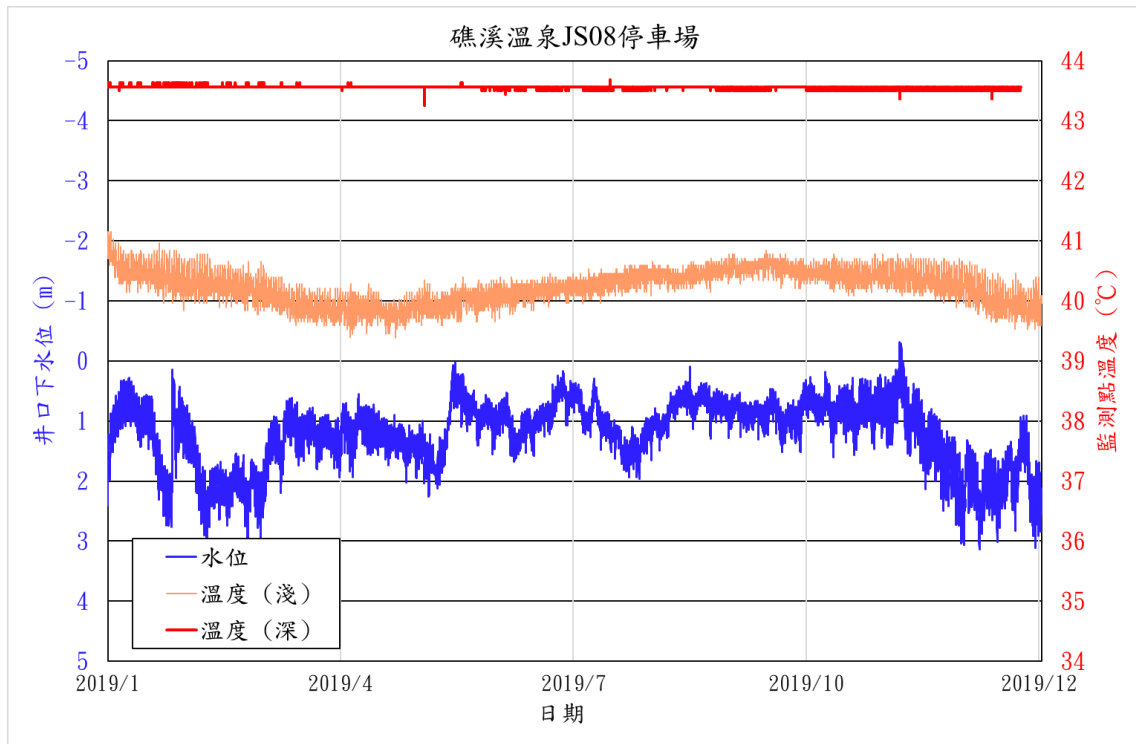


圖 3-8 JS08 停車場監測井水溫和水位變化

資料缺失時段：深部溫度 12/24-12/31。深部儀器故障，舊儀器過保固期，更換新儀器。

9. 德陽路監測井

淺部溫度：有明顯數次下降較快、上升較緩的現象，年溫度約在慢以 1-2 和 10-11 月較低約 29.2°C、6 月較高約 32.0°C，溫度變化約 2.2°C。

深部溫度：全年維持約 58.4°C 幾乎沒有變化。

水位：3 月較低約 11.6 公尺，1、5-6、8 月和 10 月相對較高約 9.4 公尺，月均水位變化約 2.2 公尺。

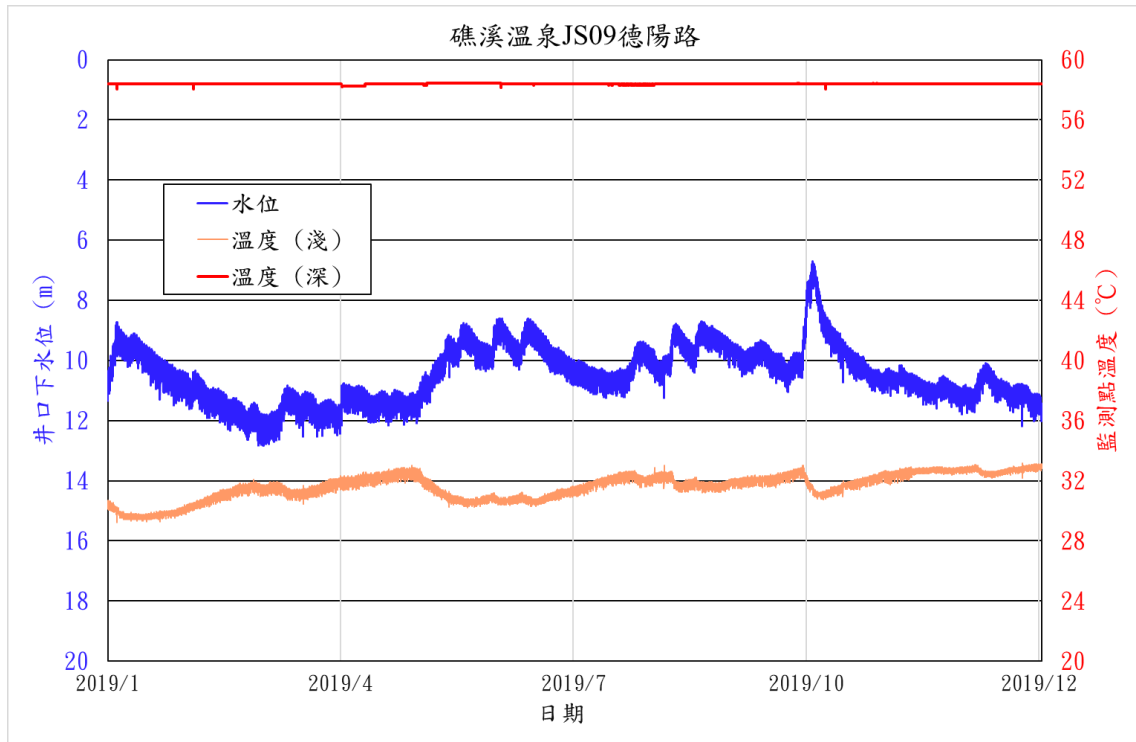


圖 3-9 JS09 德陽路監測井水溫和水位變化

10.五峰路監測井

本井位於路口，經常被大卡車轉彎時碾壓，井體攝影結果，井管接縫處有水漬，可能會漏水，降雨時淺部冷水或地表水從接縫處流入井內，造成淺部溫度突然下降現象。

淺部溫度：1-3 月有上升現象，從 46.4°C 增加至 48.8°C，5 月至 12 月上升較緩，從 47°C 增加至 47.6°C，可能受井管滲水影響，降雨時溫度變化很大，可超過 20°C。

深部溫度：溫度變化很小，一直維持約 47.8°C，但 10 月初的強降雨，溫度仍會受到影響。

水位：2-4 月和 11-12 月較低約 20.9 公尺，日變化的振幅偏小，暗示受溫泉抽取影響較小，水位似乎降到 21 公尺就不容易下降。

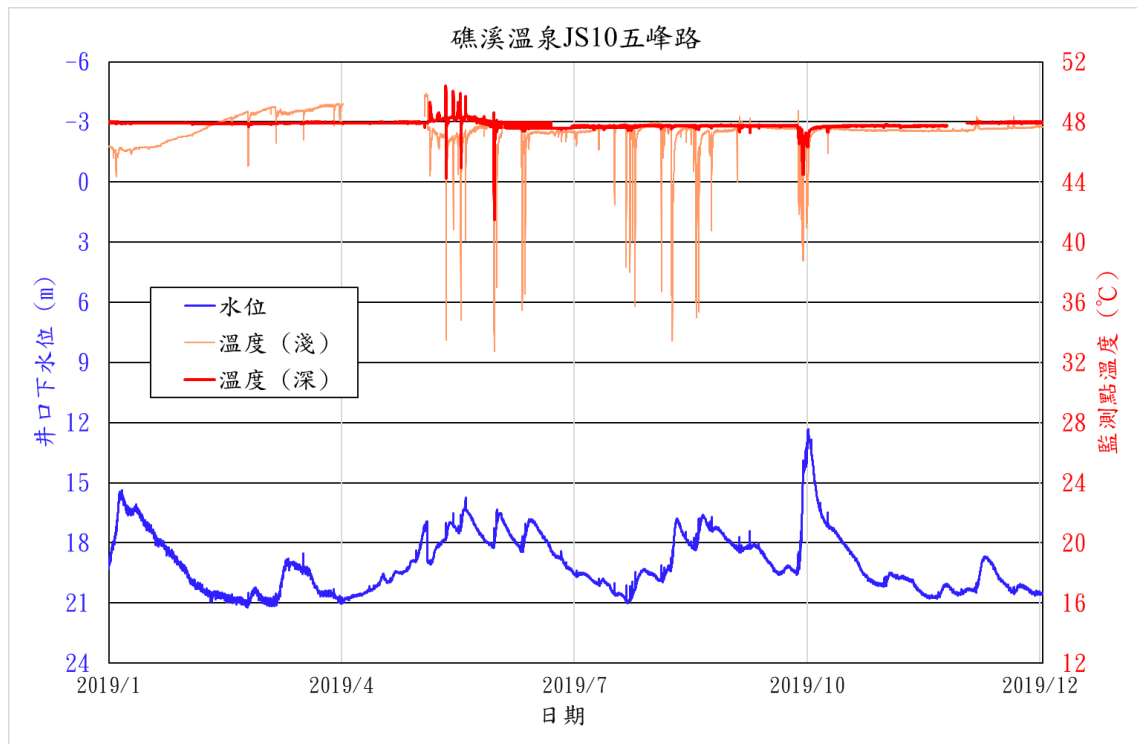


圖 3-10 JS10 五峰路監測井水溫和水位變化

資料缺失時段：

1. 深部溫度 11/25-12/1。雜訊太多，資料刪除。
2. 深部溫度 12/21-12/27。深部儀器故障，舊儀器過保固期，更換新儀器。
3. 淺部溫度 4/3-5/3。淺部儀器故障，舊儀器過保固期，更換新儀器。

11. 皇泰監測井

淺部溫度：跟水位有明顯關係，低水位時溫度高，高水位時溫度低，溫度約在 31.2-35.5°C 間，11 月以後，水位下降，溫度升高 38°C 以上。

深部溫度：全年維持約 56.1°C 幾乎沒有變化。

水位：2-4 月和 11-12 月較低，分別約 6.0、5.7 公尺，1、5-6、8 月和 10 月相對較高約 4.5 公尺，月均水位變化約 1.5 公尺。



圖 3-11 JS11 皇泰監測井水溫和水位變化

12. 仁愛路監測井

淺部溫度：跟水位有明顯關係，低水位時溫度高，高水位時溫度低，溫度約 37.7°C 間，11 月以後，水位下降，溫度升高 39.1°C 以上。

深部溫度：維持 56.0 左右，但 5 月份有微幅上升至 56.5°C，年度溫度變化約 0.5°C。

水位：2-4 月較低約 10.9-11.2、公尺，1、5-6、8 月和 10 月相對較高約 9.2 公尺，月均水位變化約 2.0 公尺。



圖 3-12 JS12 仁愛路監測井水溫和水位變化

資料缺失時段：深部溫度 11/19-12/1。深部儀器故障，舊儀器過保固期，更換新儀器。

13. 奇立丹監測井

12 月深部溫度有數次不明原因上升。

淺部溫度：似乎以 3-4 月較低約 26.5°C，10 月初自湧，溫度受到擾動，無法得知原始的水溫。

深部溫度：一直維持約 50.8°C 左右，但 1-5 月溫度有突跳現象，淺部溫度也跟著變化，井內有擾動現象，原因不明。

水位：2-4 月和 12 月較低約 1.0 公尺，5-6 月和 10 月相對較高約 0.2 公尺，月均水位變化約 0.8 公尺。

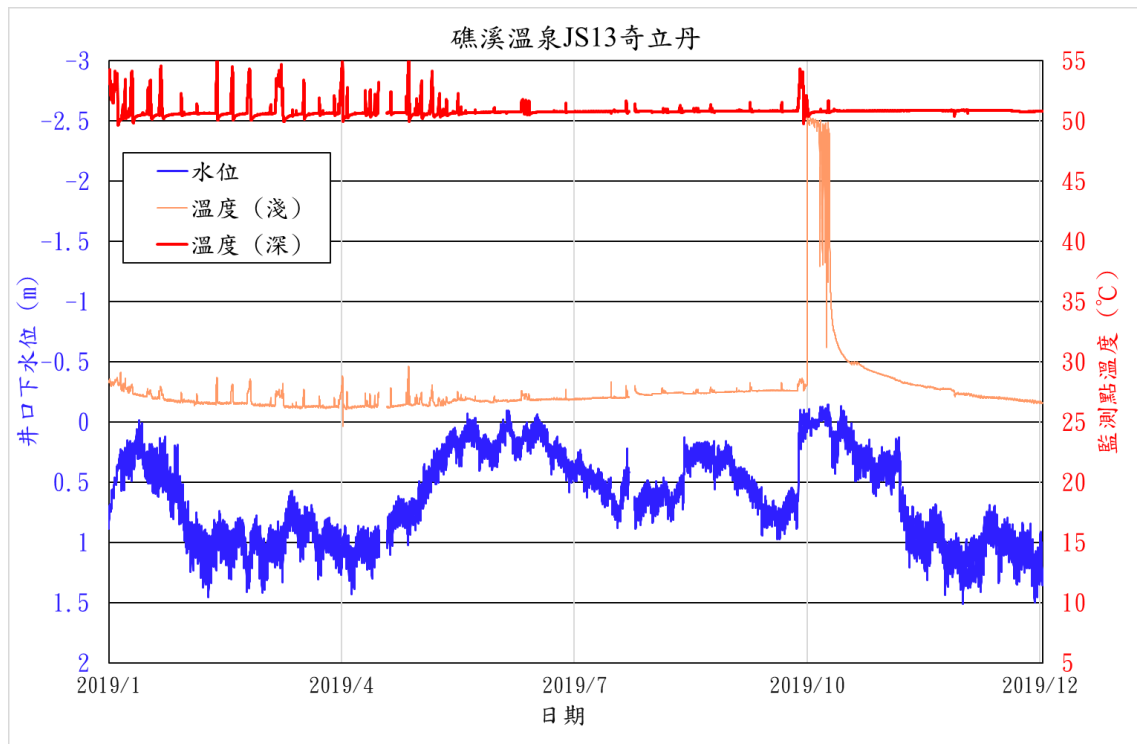


圖 3-13 JS13 奇立丹監測井水溫和水位變化

資料缺失時段：

1. 4/17-18，嘉南藥理大學於井內裝設測流速溫度計。
2. 7/24，海洋大學進行光纖測溫實驗。

14. 礁溪鄉公所監測井

本井深部溫度因有下降較大的趨勢，溫度變化略高於淺部。

淺部溫度：跟水位呈正相關趨勢，水位降低時溫度降低，水位升高時溫度升高，尤其以 10 月初的水位上升，溫度上升約 1.8°C 間，全年溫度約 31.5-32.7°C。

深部溫度：呈下降趨勢，從 1 月 52.5°C 至 12 月約 51.2°C，溫度下降約 1.3°C。

水位：2-4 月較低約 4.0 公尺，5-6 月、8 月和 10 月相對較高約 2.8 公尺，月均水位變化約 1.2 公尺。

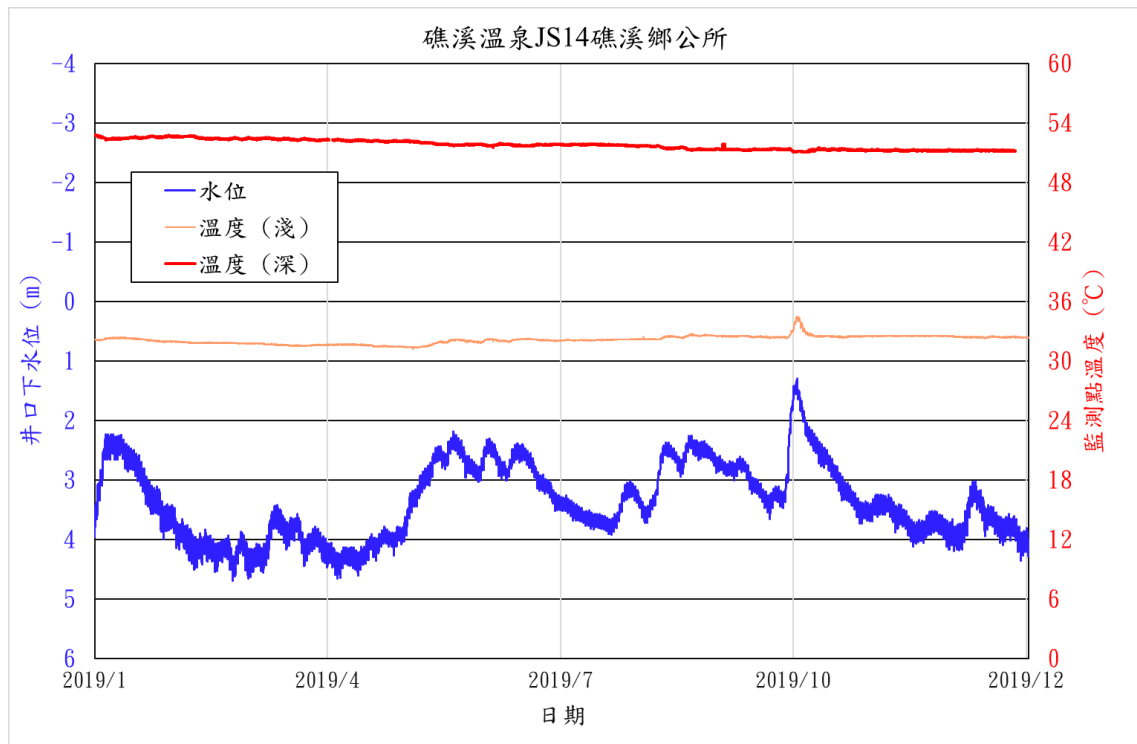


圖 3-14 JS14 礁溪鄉公所監測井水溫和水位變化

資料缺失時段：深部溫度 12/27-12/31。深部儀器故障，舊儀器過保固期，更換新儀器。

15.大忠路監測井

淺部溫度：無季節性變化或趨勢性，全年溫度約以 1-4 月較低約 27.5 至 28.1°C，年度溫度變化約 0.6°C。

深部溫度：溫度有逐漸升高趨勢，從 1 月 31.3°C 至 11 月約 32.2°C，溫度上升約 0.9°C。溫度變化振幅比淺部大，1-9 月出現高頻的變化，這種變化可能跟週期性的抽取溫泉有關。

水位：2-4 月較低約 15.3 公尺，1 月、5-6 月和 10 月相對較高約 13.2 公尺，月均水位變化約 2.1 公尺。

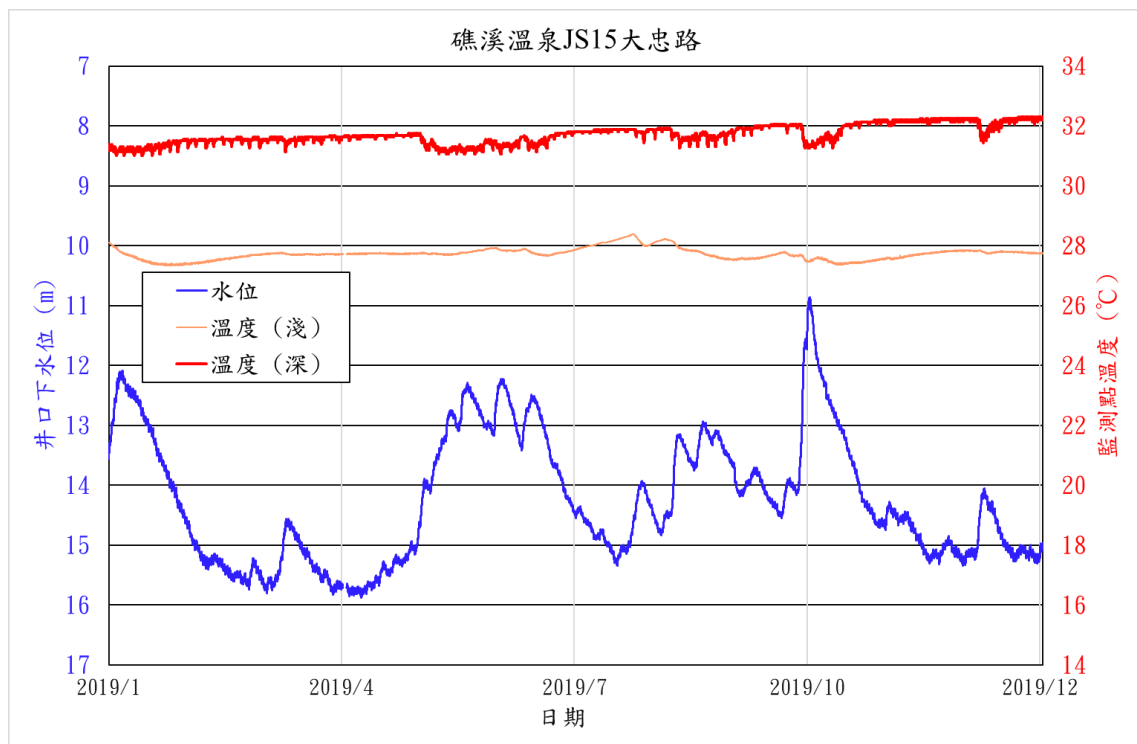


圖 3-15 JS15 大忠路監測井水溫和水位變化

16. 溝邊監測井

淺部溫度：維持 22.2-22.3°C，變化很小。

深部溫度：維持 22.0-22.3°C，全年變化約 0.3°C。

水位：以 3-4 和 8-9 月較低，月均水位分別約 1.2、1.6 公尺，10-12 月較平穩約 1.1 公尺。

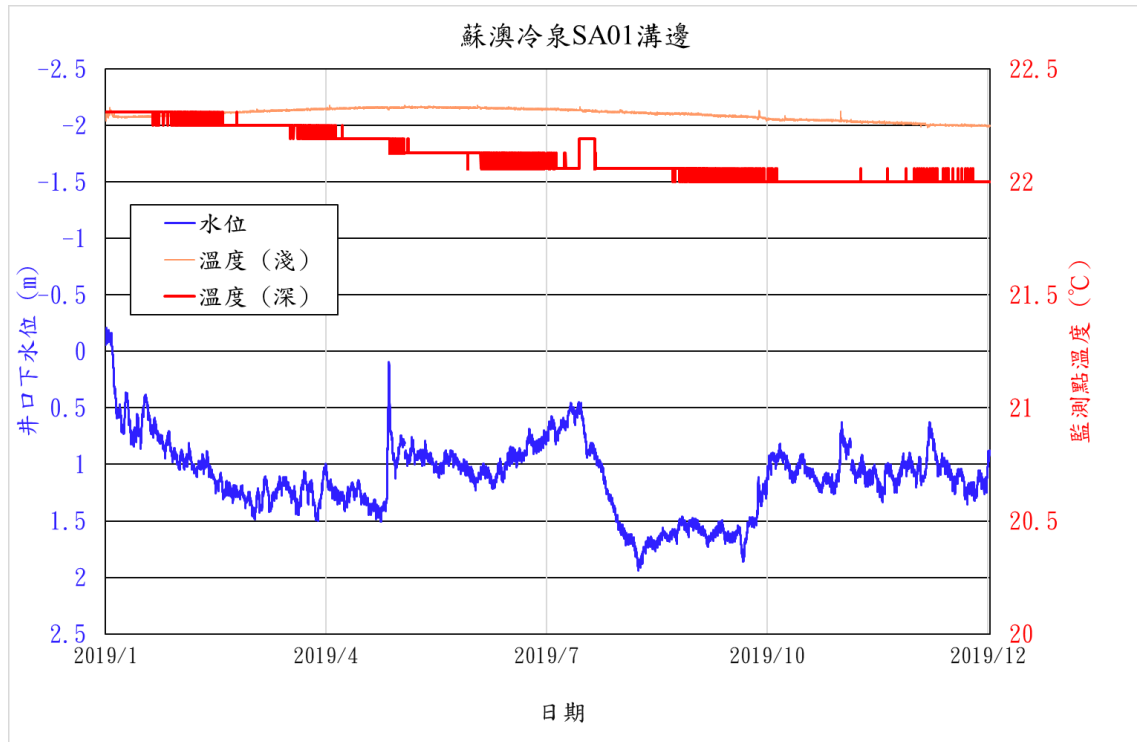


圖 3-16 SA01 溝邊監測井水溫和水位變化

17. 瓏山林監測井

淺部溫度：維持 22.5°C，全年無變化。

深部溫度：冬季溫度高，夏季溫度低，但溫度都維持在 21.8-22.1°C，溫度變化約 0.3°C。

水位：1-9 月有逐漸下降趨勢，月均水位從 1 月約 0.9 公尺到 9 月約 2.2 公尺，下降約 1.3 公尺，10-12 月較平穩約 1.4 公尺。

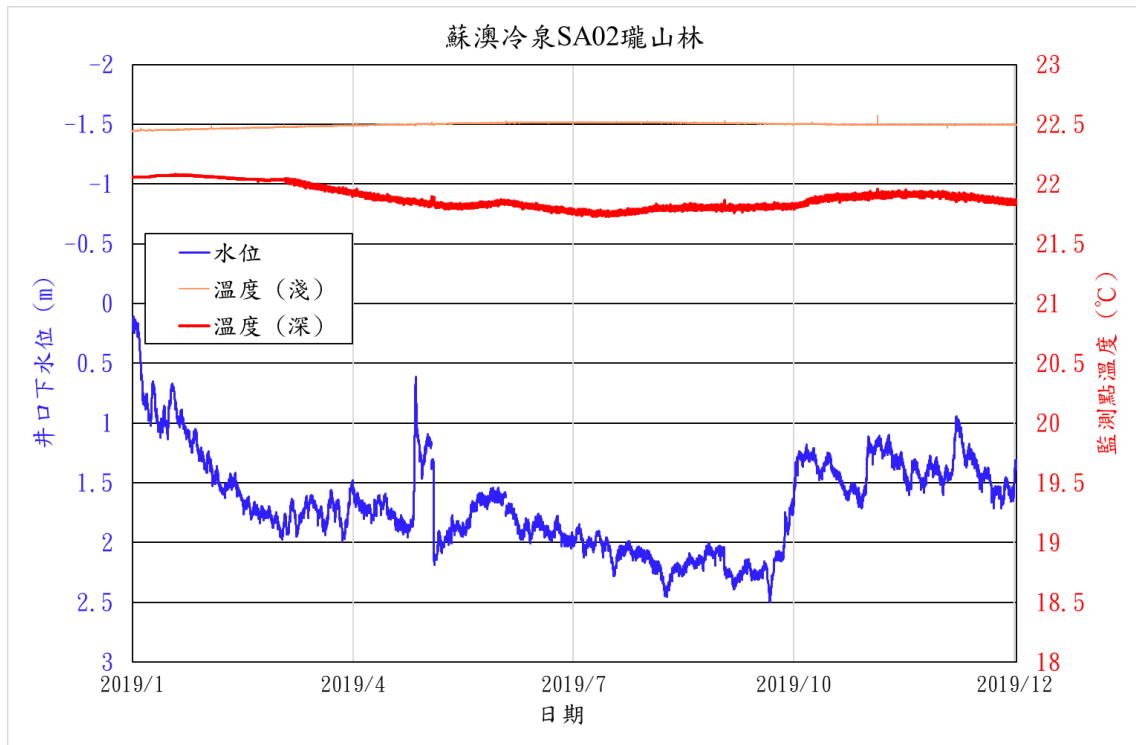


圖 3-17 SA02 瓏山林監測井水溫和水位變化

18. 煙波監測井

淺部溫度：有 3 月低、10 月高的年變化週期現象，並具有上升趨勢，3 月約 22.3°C、10 月約 22.7°C，溫度變化約 0.4°C。

深部溫度：呈現高頻率的振盪，震盪幅度可達 0.3°C，這種溫度變化大都跟附近抽水有關，長期呈上升趨勢，1 月約 22.5°C、11 月約 22.8°C，溫度變化約 0.3°C。

水位：2 月以後就呈低水位期，月均水位約 2.5-2.6 公尺，對降雨比較不敏感。

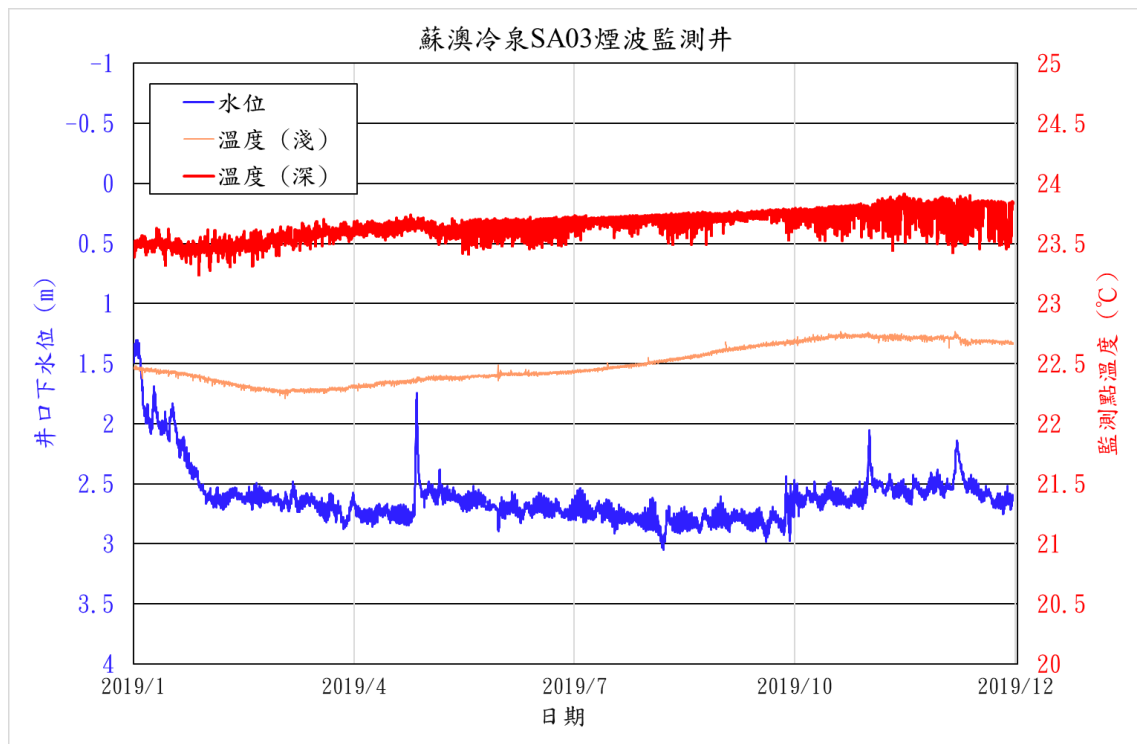


圖 3-18 SA03 煙波監測井水溫和水位變化

19.冷泉公園監測井

淺部溫度：有 4 月低、10-11 月高的年變化週期現象，4 月約 22.7°C、10-11 月約 23.8°C，溫度變化約 1.1°C。

深部溫度：維持 32.3°C，幾乎沒有變化，但 10 月以後溫度有略升至 32.4°C。

水位：2 月以後呈低水位期，月均水位約 2.8-3.1 公尺，4 月底、10 月初水位突然上升是受降雨影響。

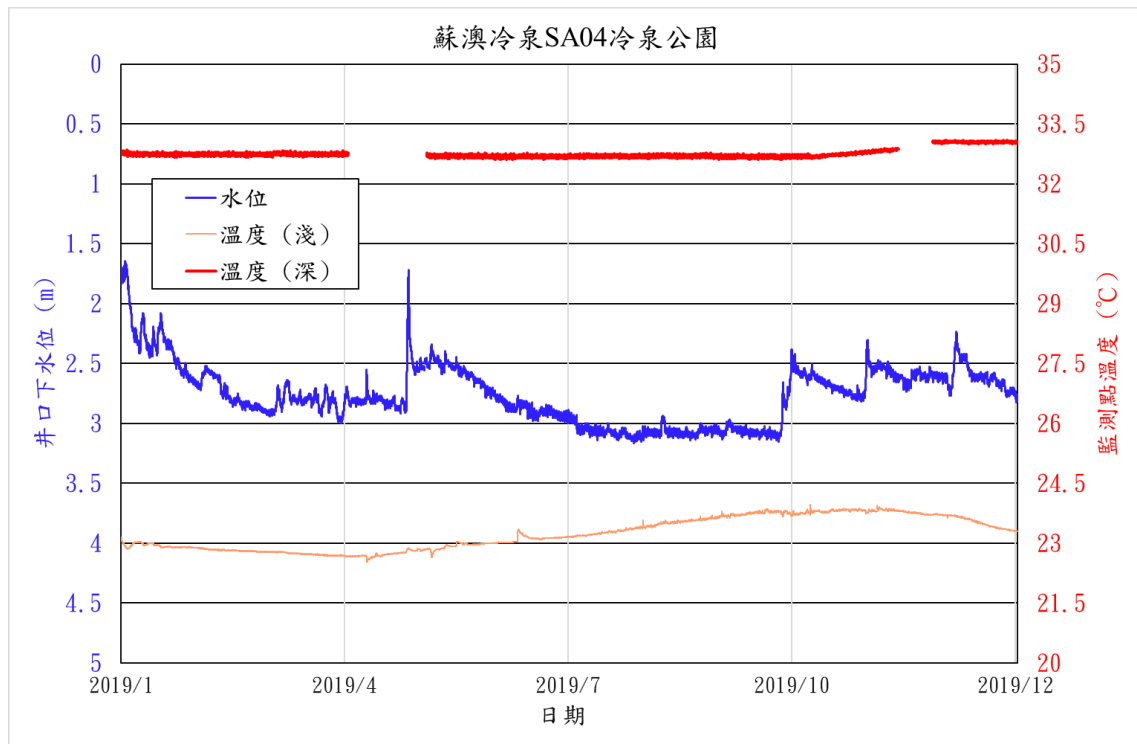


圖 3-19 SA04 冷泉公園監測井水溫和水位變化

資料缺失時段：深部溫度 4/4-5/4。儀器故障，更換備品。

深部溫度 11/14-11/26。儀器故障，原舊儀器過保固期，更換新儀器。

20. 力麗一監測井

本井為溫泉使用井，受抽取溫泉影響，水溫日變化很大，可達 10°C 以上。

淺部溫度：溫度以 45°C 為上限，表示所抽取的溫泉至地表後，最高為 45°C，停止抽取溫泉時，溫度受氣溫影響會下降。

水位：1 月以後水位下降，至 4 月進入低水位期，水位約 2.0-2.6 公尺，受降雨影響不大。

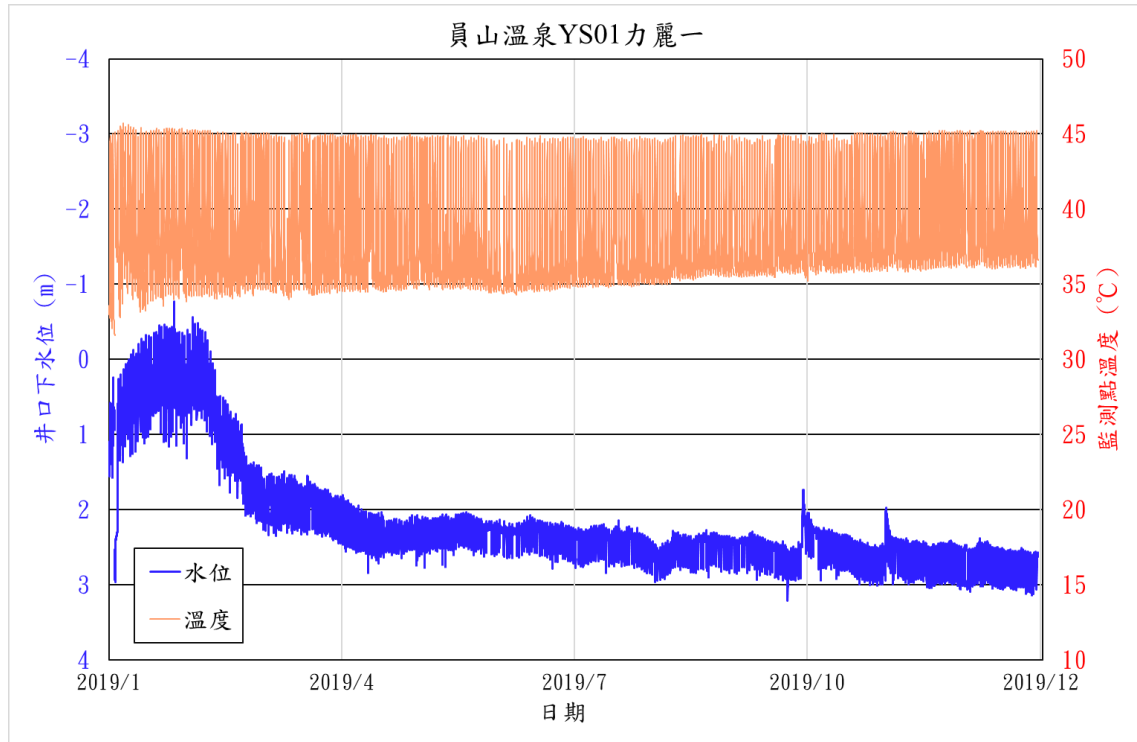


圖 3-20 YS01 力麗一號監測井水溫和水位變化

21. 力麗二監測井

本井為溫泉使用井，受抽取溫泉影響，水溫日變化很大，可達 20°C 以上。

淺部溫度：震盪幅度太大，趨勢不明顯，但大致可以看出夏季有偏高現象。

水位：以 3-6 月較低、9-10 月較高，但因震盪幅度太大，看不受降雨影響情形。

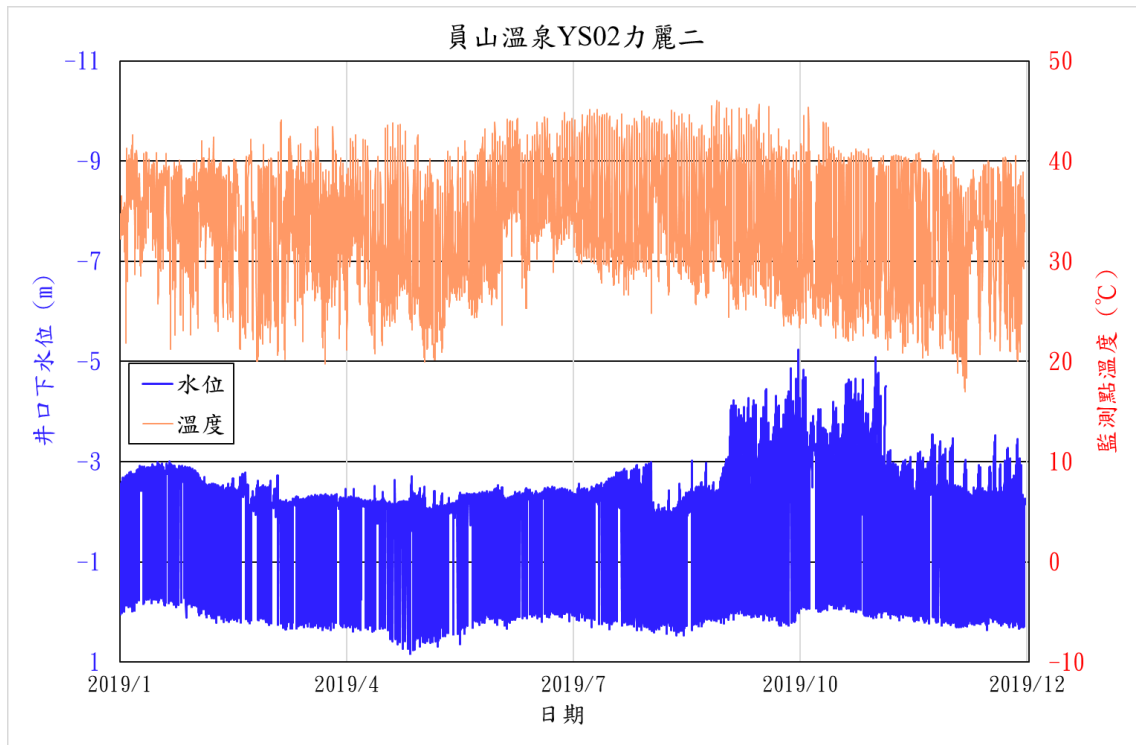


圖 3-21 YS02 力麗二號監測井水溫和水位變化

22.水利署 3 號停車場淺

溫度：有 4 月低、9-10 月高的年變化週期現象，4 月約 35.7°C、9-10 月約 37.9°C，溫度變化約 2.2°C。

水位：2-3 月和 11-12 月較低約 2.5 公尺，5-6 月和 8-10 月相對較高約 2.0 公尺。日變化振幅偏大，可達 1 公尺以上。

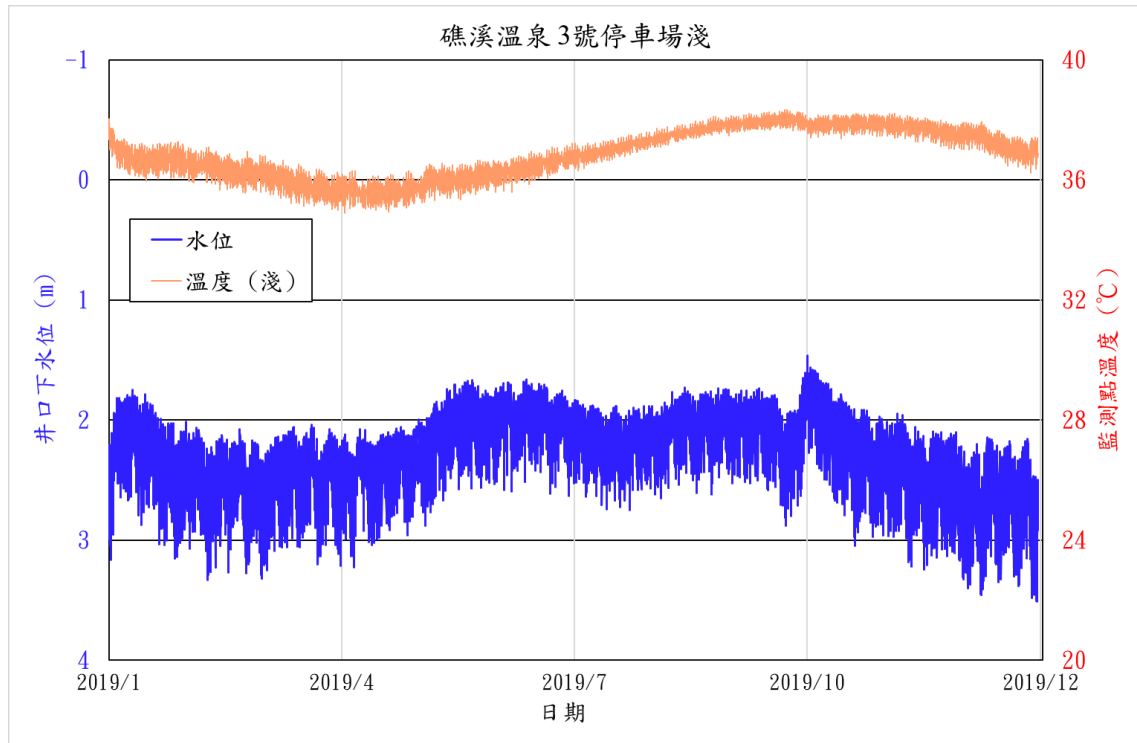


圖 3-22 水利署 3 號停車場淺監測井水溫和水位變化

23.水利署 8 號奇立丹淺

溫度：有 4 月低、10 月高的年變化週期現象，4 月約 25.7°C、10 月約 37.3°C，溫度變化約 1.6°C。

水位：2-4 月較低約 0.9 公尺，10 月相對最高約 0.3 公尺。

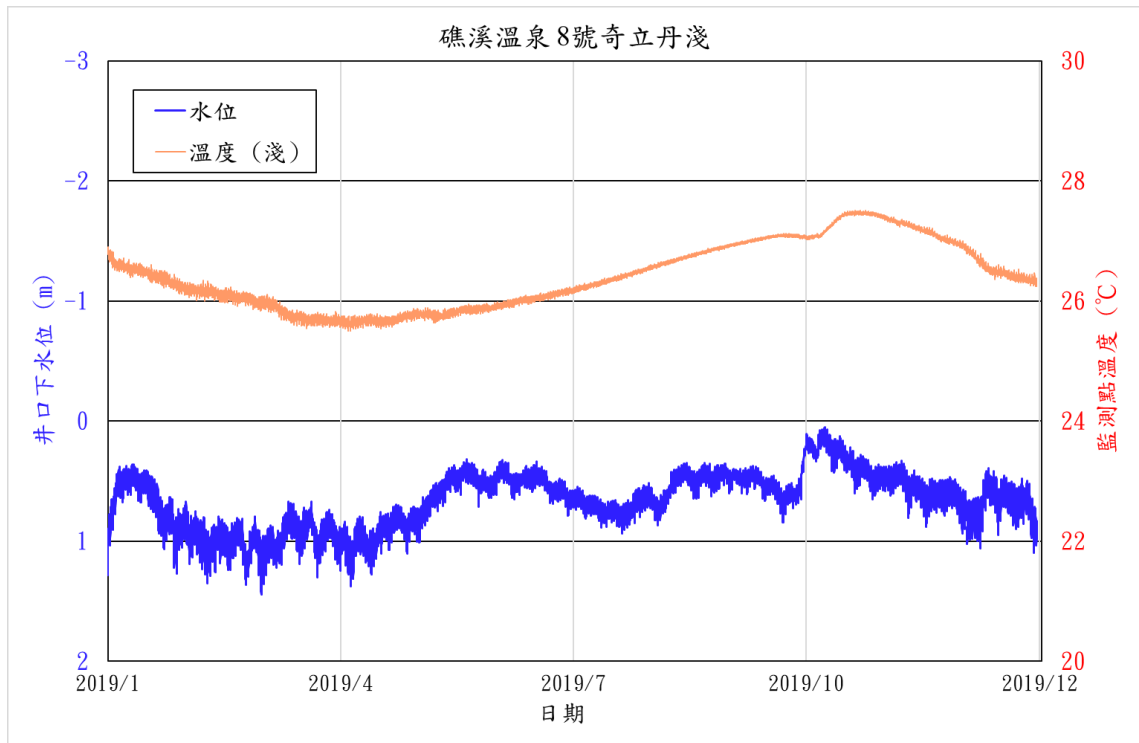


圖 3-23 水利署 8 號奇立丹淺監測井水溫和水位變化

24.水利署 9 號大排深

溫度：明顯上升現象，從 1 月約 35.3°C 到 10 月約 37.8°C，溫度上升約 2.5°C。4 月以後水位上升時，溫度也跟著上升，兩者呈正相關。

水位：2-3 月和 11-12 月較低約 1.8-2.1 公尺，5-6 月、8-10 月相對較高約 1.5 公尺。

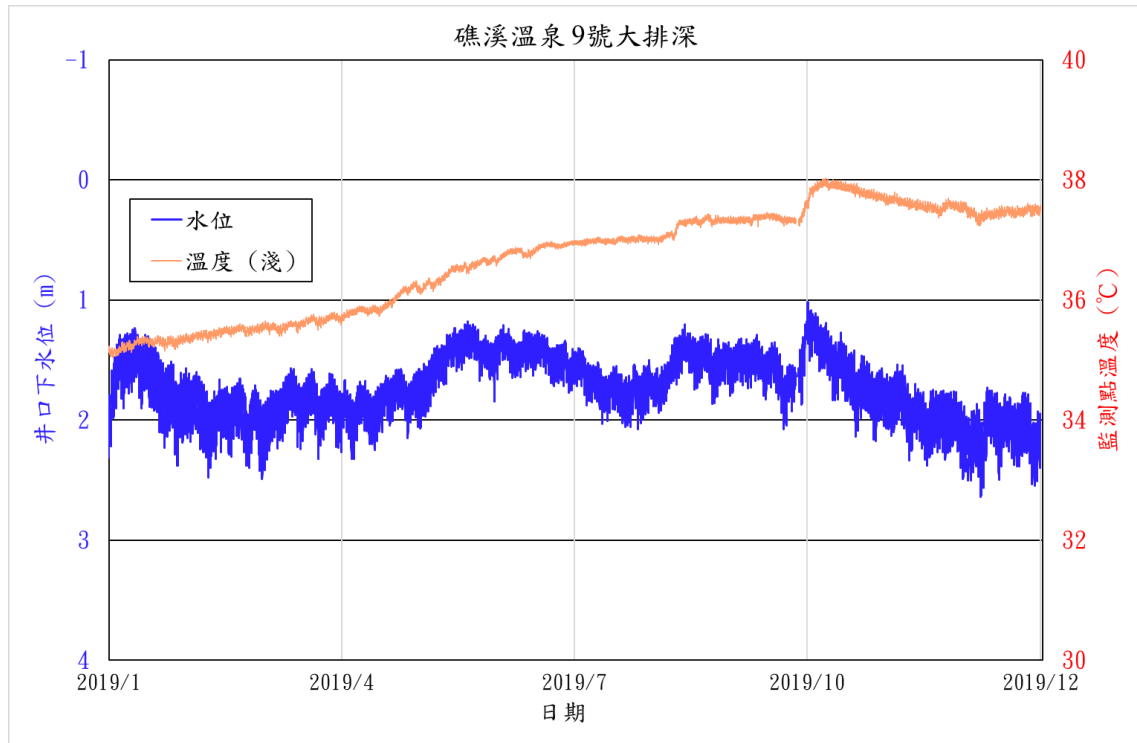


圖 3-24 水利署 9 號大排深監測井水溫和水位變化

25.水利署 10 號大排淺

溫度：呈現夏季高、冬季低的年變化現象，溫度變化約在 30.4-33.7°C，高頻的變化振幅也較大。

水位：水位變化相較其他測站小，2-3 月和 11-12 月較低約 2.4 公尺，5-6 月、8-10 月相對較高約 2.1 公尺。

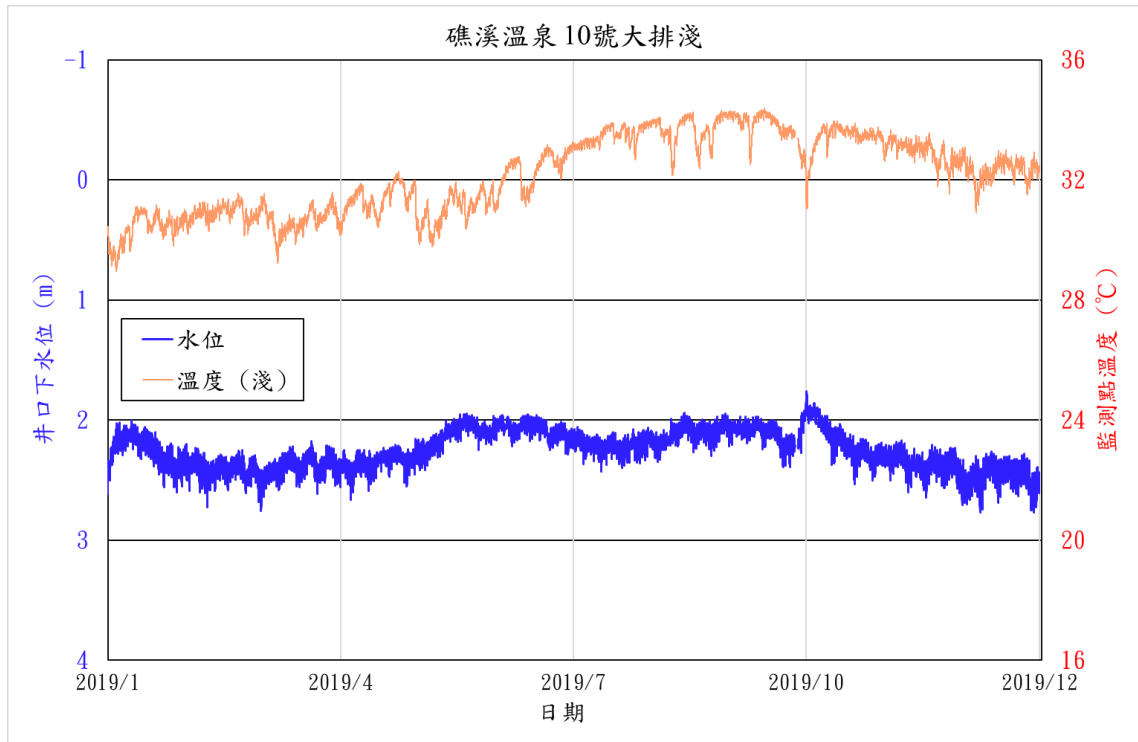


圖 3-25 水利署 10 號大排淺監測井水溫和水位變化

26.水利署 11 號新小深

溫度：無季節性變化或趨勢性，但略呈水位下降水溫會上升的負相關現象，1-10 月溫度約 23.7 至 24.0°C，10 月以後溫度持續上升，至 12 月約 24.4°C。

水位：2-4 月較低約 6.3 公尺，1 月、5-6 月、8 月、10 月相對較高約 5.0 公尺。

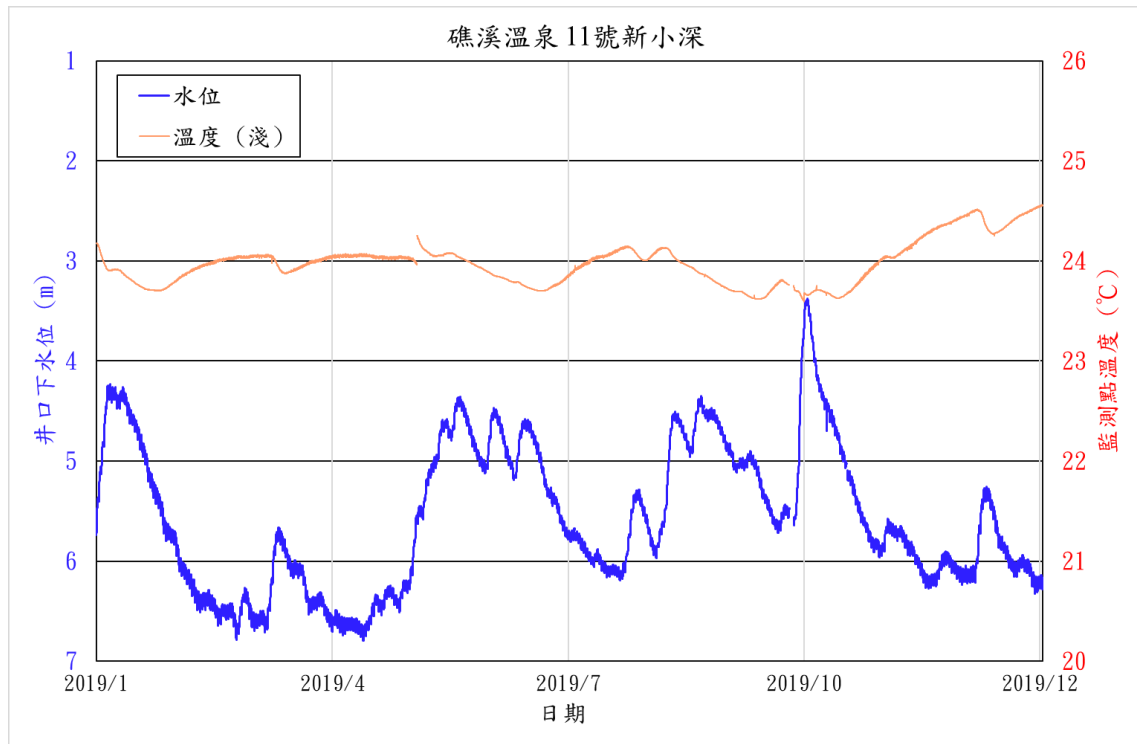


圖 3-26 水利署 11 號新小深監測井水溫和水位變化

27.水利署 12 號新小淺

溫度：與 11 號新小深監測井的變化一致，無季節性變化或趨勢性，但略呈水位下降水溫會上升的負相關現象，1-10 月溫度約 23.7 至 24.2°C，10 月以後溫度持續上升，至 12 月約 24.4°C。

水位：與 11 號新小深監測井的變化一致，2-4 月較低約 5.2 公尺，1 月、5-6 月、8 月月相對較高約 3.8 公尺。

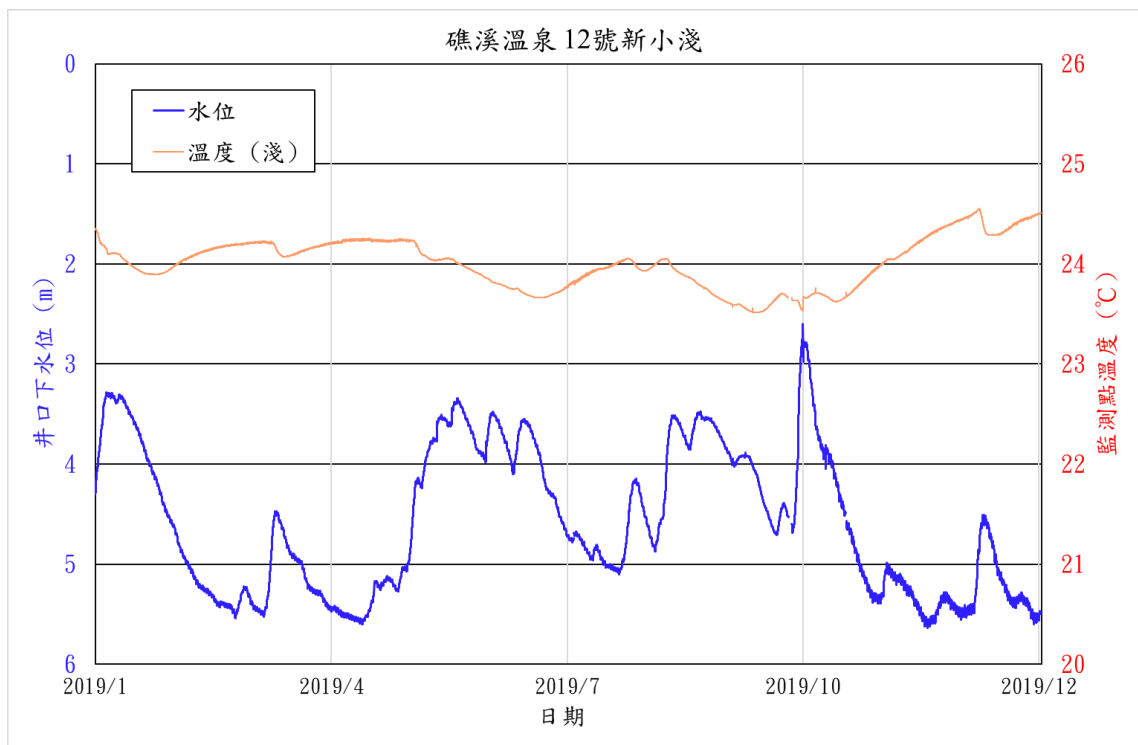


圖 3-27 水利署 12 號新小淺監測井水溫和水位變化

28.水利署 14 號湯圍淺

溫度：約略呈水位上升水溫會上升的正相關現象，1-7 月溫度變化較小，約 48.3 至 49.7°C，8-10 月溫度從 50.7°C 上升至 53.4°C，10 月以後下降至 12 月約 50.9°C。

水位：2-4 月較低約 1.9 公尺，5-6 月相對較高，接近地面。

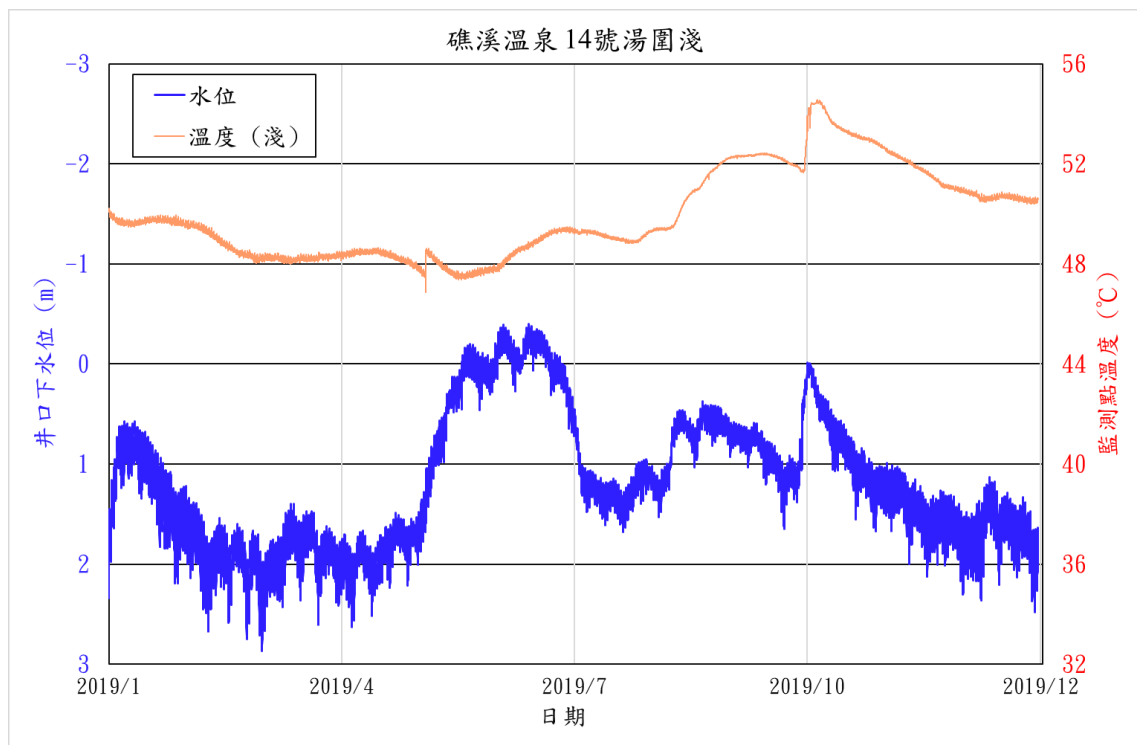


圖 3-28 水利署 14 號湯圍淺監測井水溫和水位變化

29.水利署 15 號湯圍深

溫度：約 14 號湯圍淺監測井類似，略呈水位上升水溫會上升的正相關現象，1-7 月溫度變化較小，約 46.4 至 49.3°C，8-10 月溫度從 50.2°C 上升至 52.9°C，10 月以後下降至 12 月約 50.6°C。

水位：1 月和 12 月都呈快速的下降曲線，12 月最低水位約 9.9 公尺，2-11 月約 0.7-1.8 公尺。

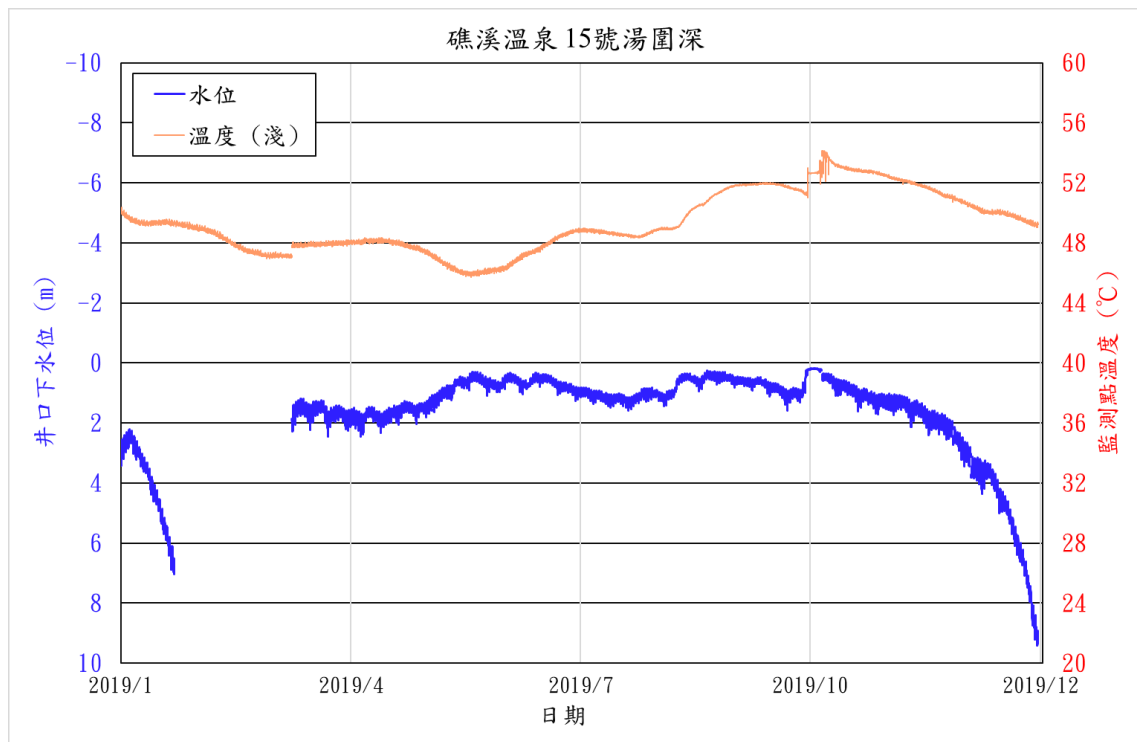


圖 3-29 水利署 15 號湯圍深監測井水溫和水位變化

30.水利署 16 號太子

溫度：有約略第一季低、第四季高的年變化週期現象，2 月約 42.5°C、11 月約 47.5°C，溫度變化約 5.0°C。

水位：2-3 月和 12 月較低約 1.8 公尺，5-6 月和 8-10 月相對較高約 1.0 公尺。日變化振幅偏大，可達 1.5 公尺以上。

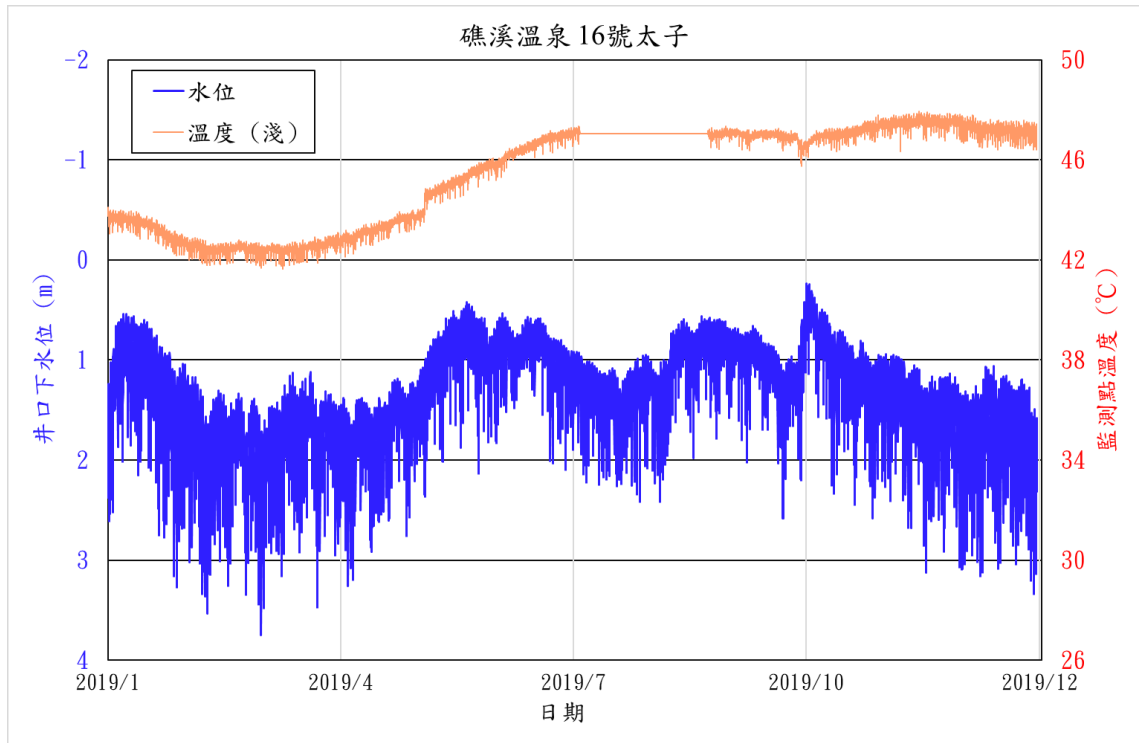


圖 3-30 水利署 16 號太子監測井水溫和水位變化

表 3-2 JS01 公園路監測井日均溫(淺部)數值

淺水溫	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	35.297	34.705	34.054	32.829	32.275	33.083	35.996	36.461	37.326	38.996	36.642	*
2	35.035	34.703	34.113	32.798	32.003	33.285	36.059	36.469	37.451	39.404	36.628	35.804
3	34.439	34.668	34.123	32.824	31.397	33.524	36.110	36.512	37.522	39.497	36.645	35.803
4	33.788	34.604	34.114	32.864	31.655	33.689	36.177	36.532	37.492	39.751	36.625	35.787
5	33.659	34.563	34.104	32.879	32.045	33.930	36.226	36.560	37.354	39.125	36.580	35.727
6	34.105	34.582	34.071	32.935	32.093	34.069	36.255	36.481	37.301	37.385	36.549	35.291
7	34.331	34.580	33.854	32.961	31.545	34.216	36.263	36.465	37.383	37.264	36.608	34.773
8	34.371	34.579	33.217	32.917	31.562	34.324	36.308	36.475	37.428	37.213	36.641	34.773
9	34.431	34.616	32.791	32.877	31.916	34.501	36.361	36.280	37.393	36.872	36.648	34.814
10	34.265	34.642	32.460	32.848	31.868	34.611	36.369	36.061	37.436	36.736	36.654	34.767
11	34.374	34.588	32.577	32.839	31.865	34.370	36.416	36.146	37.503	36.788	36.617	34.728
12	34.536	34.547	32.892	32.833	32.128	34.113	36.407	36.234	37.511	36.881	36.612	34.735
13	34.607	34.479	32.985	32.708	32.167	34.239	36.384	36.354	37.492	36.926	36.577	34.749
14	34.658	34.473	32.934	32.682	32.229	34.329	36.411	36.426	37.534	36.959	36.560	34.791
15	34.731	34.456	32.965	32.523	32.522	34.448	36.436	36.500	37.594	36.980	36.537	34.831
16	34.768	34.424	33.031	32.248	32.695	34.564	36.461	36.556	37.601	36.963	36.533	34.808
17	34.712	34.478	33.093	32.006	32.764	34.741	36.469	36.569	37.618	36.978	36.527	34.761
18	34.721	34.380	32.884	32.295	32.704	34.876	36.458	36.645	37.628	36.961	36.501	34.720
19	34.779	34.269	32.865	32.584	32.738	34.950	36.450	36.537	37.644	36.963	36.489	34.610
20	34.813	34.256	32.869	32.682	32.834	35.106	36.431	36.478	37.633	36.961	36.469	34.590
21	34.834	34.223	32.864	32.565	32.895	35.212	36.444	36.521	37.600	36.975	36.451	34.344
22	34.792	34.218	32.836	32.548	33.040	35.304	36.444	36.634	37.593	36.988	36.425	34.391
23	34.824	34.235	32.911	32.648	33.205	35.368	36.398	36.726	37.599	36.983	36.379	34.432
24	34.810	34.134	32.970	32.693	33.260	35.499	36.353	36.664	37.577	36.989	36.331	34.418
25	34.795	33.730	32.960	32.726	33.346	35.543	36.334	36.556	37.556	36.986	36.271	34.416
26	34.795	33.806	32.912	32.756	33.480	35.604	36.285	36.677	37.530	36.989	36.143	34.422
27	34.851	33.883	32.925	32.736	33.705	35.644	36.267	36.804	37.410	36.985	35.990	34.473
28	34.840	33.930	32.893	32.391	33.827	35.718	36.278	36.936	36.921	36.953	35.954	34.566
29	34.799	--	32.878	32.494	33.550	35.829	36.334	37.050	36.292	36.926	35.955	34.592
30	34.740	--	32.840	32.559	32.934	35.910	36.363	37.154	35.803	36.885	35.916	34.387
31	34.706	--	32.916	--	32.840	--	36.420	37.226	--	36.775	--	34.266
月平均	34.620	34.384	33.158	32.675	32.551	34.687	36.334	36.571	37.391	37.356	36.449	34.786
本月最高	35.297	34.705	34.123	32.961	33.827	35.910	36.469	37.226	37.644	39.751	36.654	35.804
本月最低	33.659	33.730	32.460	32.006	31.397	33.083	35.996	36.061	35.803	36.736	35.916	34.266

表 3-3 JS01 公園路監測井日均溫(深部)數值

深水溫	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	39.631	39.686	39.700	39.728	39.813	39.754	39.624	39.313	39.319	39.264	39.295	*
2	39.630	39.683	39.700	39.730	39.813	39.751	39.610	39.318	39.314	39.248	39.293	39.204
3	39.630	39.690	39.701	39.724	39.819	39.750	39.578	39.363	39.320	39.236	39.295	39.194
4	39.634	39.689	39.699	39.724	39.829	39.750	39.560	39.360	39.313	39.240	39.298	39.200
5	39.657	39.689	39.716	39.726	39.820	39.746	39.550	39.357	39.310	39.246	39.293	39.194
6	39.679	39.690	39.725	39.714	39.820	39.750	39.530	39.349	39.309	39.251	39.284	39.194
7	39.675	39.690	39.728	39.718	39.823	39.750	39.501	39.346	39.308	39.251	39.288	39.191
8	39.670	39.690	39.721	39.719	39.822	39.750	39.498	39.345	39.304	39.251	39.285	39.190
9	39.679	39.690	39.725	39.720	39.822	39.749	39.478	39.374	39.306	39.255	39.276	39.190
10	39.675	39.690	39.735	39.718	39.822	39.746	39.453	39.380	39.303	39.255	39.275	39.189
11	39.681	39.690	39.733	39.726	39.816	39.740	39.446	39.405	39.284	39.255	39.265	39.189
12	39.678	39.690	39.733	39.719	39.811	39.738	39.440	39.426	39.283	39.260	39.266	39.188
13	39.678	39.690	39.736	39.713	39.811	39.738	39.433	39.429	39.273	39.256	39.264	39.189
14	39.670	39.690	39.733	39.720	39.816	39.724	39.421	39.434	39.260	39.263	39.265	39.188
15	39.681	39.690	39.729	39.715	39.810	39.730	39.402	39.440	39.256	39.268	39.255	39.183
16	39.674	39.690	39.745	39.716	39.810	39.736	39.419	39.440	39.253	39.273	39.256	39.176
17	39.685	39.691	39.738	39.720	39.810	39.743	39.411	39.438	39.253	39.275	39.253	39.183
18	39.681	39.693	39.735	39.733	39.810	39.733	39.404	39.436	39.254	39.276	39.250	39.179
19	39.680	39.694	39.733	39.748	39.810	39.734	39.393	39.436	39.254	39.275	39.253	39.185
20	39.684	39.691	39.739	39.750	39.810	39.738	39.383	39.439	39.253	39.284	39.251	39.176
21	39.679	39.698	39.738	39.759	39.805	39.723	39.380	39.434	39.253	39.289	39.250	39.176
22	39.686	39.694	39.745	39.783	39.809	39.733	39.376	39.423	39.250	39.291	39.248	39.175
23	39.680	39.691	39.735	39.793	39.799	39.734	39.379	39.411	39.250	39.295	39.250	39.178
24	39.681	39.696	39.739	39.799	39.801	39.714	39.376	39.395	39.254	39.301	39.249	39.161
25	39.678	39.696	39.733	39.809	39.780	39.693	39.371	39.380	39.250	39.295	39.249	39.170
26	39.685	39.704	39.734	39.809	39.771	39.689	39.364	39.381	39.253	39.289	39.248	39.171
27	39.683	39.706	39.728	39.808	39.765	39.689	39.345	39.379	39.250	39.303	39.239	39.163
28	39.678	39.699	39.729	39.810	39.769	39.685	39.338	39.377	39.255	39.296	39.231	39.163
29	39.680	--	39.729	39.810	39.753	39.651	39.329	39.367	39.261	39.298	*	39.161
30	39.684	--	39.728	39.813	39.751	39.631	39.326	39.349	39.283	39.301	*	39.159
31	39.684	--	39.736	--	39.751	--	39.317	39.335	--	39.298	--	39.158
月平均	39.672	39.692	39.728	39.749	39.802	39.726	39.433	39.389	39.276	39.272	39.265	39.180
本月最高	39.686	39.706	39.745	39.813	39.829	39.754	39.624	39.440	39.320	39.303	39.298	39.204
本月最低	39.630	39.683	39.699	39.713	39.751	39.631	39.317	39.313	39.250	39.236	39.231	39.158

表 3-4 JS01 公園路監測井日均水位數值

水位	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	2.216	1.481	2.619	2.661	2.573	0.709	1.017	1.458	0.699	0.163	1.817	*
2	1.932	1.547	2.649	2.637	2.546	0.562	1.011	1.477	0.737	0.090	1.905	2.321
3	1.637	1.570	2.636	2.591	2.407	0.455	1.025	1.508	0.770	0.084	1.979	2.425
4	1.211	1.570	2.634	2.602	2.280	0.399	1.037	1.543	0.785	0.074	2.013	2.430
5	0.948	1.620	2.569	2.646	2.220	0.346	1.060	1.534	0.774	0.110	2.017	2.440
6	0.889	1.748	2.579	2.701	2.173	0.328	1.115	1.496	0.790	0.153	2.023	2.488
7	0.749	1.821	2.650	2.678	2.059	0.405	1.191	1.485	0.844	0.152	2.077	2.512
8	0.666	1.975	2.663	2.620	1.880	0.506	1.200	1.395	0.907	0.175	2.078	2.546
9	0.625	2.069	2.653	2.567	1.764	0.575	1.223	1.176	0.893	0.181	2.066	2.676
10	0.500	2.087	2.615	2.557	1.675	0.630	1.252	0.918	0.920	0.248	2.085	2.840
11	0.409	2.077	2.499	2.593	1.596	0.706	1.294	0.858	0.915	0.338	2.104	2.904
12	0.404	2.058	2.368	2.680	1.526	0.533	1.350	0.831	0.942	0.425	2.131	2.926
13	0.463	2.040	2.327	2.737	1.313	0.366	1.393	0.792	0.993	0.476	2.133	2.936
14	0.470	2.065	2.293	2.779	1.108	0.300	1.411	0.751	1.071	0.516	2.235	2.873
15	0.479	2.076	2.340	2.780	1.023	0.315	1.427	0.745	1.127	0.587	2.317	2.830
16	0.551	2.173	2.425	2.745	0.952	0.288	1.424	0.804	1.157	0.658	2.338	2.913
17	0.651	2.309	2.475	2.700	0.960	0.269	1.432	0.881	1.206	0.735	2.321	2.996
18	0.734	2.239	2.377	2.603	0.893	0.313	1.402	0.966	1.246	0.791	2.324	3.009
19	0.794	2.157	2.317	2.570	0.732	0.370	1.475	0.860	1.287	0.945	2.344	3.004
20	0.907	2.118	2.267	2.629	0.637	0.405	1.558	0.699	1.383	1.074	2.352	2.933
21	0.997	2.130	2.225	2.643	0.569	0.563	1.606	0.584	1.518	1.148	2.429	2.930
22	1.082	2.185	2.268	2.579	0.490	0.571	1.616	0.537	1.641	1.181	2.479	2.912
23	1.147	2.364	2.444	2.514	0.486	0.673	1.620	0.516	1.650	1.237	2.491	2.915
24	1.155	2.536	2.572	2.486	0.516	0.812	1.584	0.517	1.648	1.308	2.457	2.963
25	1.175	2.461	2.503	2.472	0.596	0.767	1.560	0.527	1.649	1.368	2.455	2.992
26	1.315	2.377	2.477	2.502	0.683	0.749	1.468	0.500	1.673	1.498	2.468	2.998
27	1.446	2.336	2.408	2.597	0.682	0.781	1.395	0.467	1.693	1.596	2.442	2.878
28	1.442	2.453	2.364	2.596	0.680	0.846	1.390	0.453	1.434	1.659	2.478	2.754
29	1.409	--	2.402	2.534	0.778	0.920	1.427	0.471	0.917	1.677	2.504	2.710
30	1.379	--	2.511	2.508	0.846	1.000	1.430	0.540	0.519	1.726	2.476	2.774
31	1.388	--	2.614	--	0.860	--	1.434	0.616	--	1.791	--	2.774
月平均	1.005	2.059	2.476	2.617	1.274	0.549	1.349	0.900	1.126	0.779	2.245	2.787
本月最高	2.216	2.536	2.663	2.780	2.573	1.000	1.620	1.543	1.693	1.791	2.504	3.009
本月最低	0.404	1.481	2.225	2.472	0.486	0.269	1.011	0.453	0.519	0.074	1.817	2.321

表 3-5 JS02 別墅區三監測井日均溫(淺部)數值

淺水溫	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	35.656	37.086	36.476	36.624	36.642	36.436	38.272	38.151	38.877	34.311	38.300	37.816
2	35.617	36.995	36.451	36.556	36.418	35.857	38.416	38.242	39.173	34.365	38.146	37.694
3	34.869	36.816	36.515	36.475	36.164	35.710	38.416	38.202	39.226	34.986	38.031	37.558
4	34.238	36.880	36.540	36.484	35.951	35.748	38.522	38.221	39.307	35.565	38.011	37.529
5	34.046	36.852	36.664	36.464	35.964	35.921	38.501	38.274	39.134	35.861	38.100	37.499
6	34.149	36.758	36.691	36.460	36.153	36.218	38.471	38.185	38.951	36.139	38.253	37.365
7	34.386	36.678	36.779	36.520	36.163	36.540	38.503	38.167	38.958	36.373	38.400	36.909
8	34.497	36.544	36.578	36.549	35.834	36.851	38.521	38.396	39.058	36.671	38.363	36.704
9	34.671	36.416	36.281	36.582	35.851	37.219	38.433	37.696	38.934	36.643	38.258	36.774
10	34.634	36.426	36.066	36.638	35.789	37.401	38.476	36.458	38.872	36.598	38.165	36.955
11	34.544	36.487	36.004	36.688	35.646	37.390	38.514	36.346	38.882	36.864	38.217	37.126
12	34.566	36.542	36.117	36.589	35.777	36.174	38.560	36.372	39.017	37.182	38.223	37.259
13	34.728	36.640	36.231	36.488	35.341	35.374	38.704	36.517	38.983	37.527	38.225	37.423
14	35.173	36.689	36.386	36.441	35.053	34.921	38.597	36.963	38.999	37.856	38.214	37.439
15	35.682	36.769	36.389	36.420	35.317	34.682	38.637	37.366	39.027	38.103	38.122	37.466
16	36.070	36.690	36.413	36.426	35.720	34.743	38.529	37.837	39.090	38.236	38.011	37.603
17	36.237	36.528	36.439	36.400	36.159	35.100	38.506	38.123	39.066	38.367	37.941	37.783
18	36.382	36.591	36.545	36.467	35.768	35.700	38.513	38.383	39.017	38.511	37.967	37.858
19	36.643	36.736	36.631	36.513	35.367	36.208	38.467	37.621	38.998	38.447	37.957	37.850
20	36.715	36.865	36.710	36.501	35.379	36.734	38.402	36.815	38.906	38.339	37.899	37.935
21	36.759	36.971	36.905	36.443	35.412	37.122	38.424	36.524	38.679	38.424	37.840	37.713
22	36.730	36.967	36.950	36.461	35.552	37.386	38.492	36.544	38.429	38.600	37.787	37.577
23	36.735	36.797	36.795	36.538	35.713	37.558	38.410	36.909	38.493	38.753	37.780	37.597
24	36.850	36.552	36.655	36.596	35.983	37.644	38.362	37.059	38.612	38.759	37.822	37.648
25	36.978	36.421	36.699	36.751	36.337	37.681	38.271	36.850	38.667	38.747	37.883	37.688
26	36.833	36.544	36.722	36.773	36.746	37.810	37.544	36.676	38.731	38.653	37.938	37.614
27	36.694	36.683	36.859	36.728	37.185	37.849	36.896	36.810	38.661	38.569	37.998	37.475
28	36.742	36.647	36.976	36.654	37.379	37.866	37.124	37.232	37.110	38.578	37.982	37.286
29	36.912	--	36.984	36.702	37.371	38.013	37.507	37.688	35.511	38.638	37.946	37.214
30	37.024	--	36.873	36.808	37.450	38.098	37.779	38.147	34.952	38.640	37.841	37.173
31	37.155	--	36.740	--	37.585	--	38.005	38.529	--	38.526	--	37.139
月平均	35.771	36.699	36.583	36.558	36.102	36.598	38.283	37.461	38.611	37.478	38.054	37.441
本月最高	37.155	37.086	36.984	36.808	37.585	38.098	38.704	38.529	39.307	38.759	38.400	37.935
本月最低	34.046	36.416	36.004	36.400	35.053	34.682	36.896	36.346	34.952	34.311	37.780	36.704

表 3-6 JS02 別墅區三監測井日均溫(深部)數值

深水温	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	53.299	53.163	53.159	53.066	52.975	52.915	52.940	52.958	52.928	52.912	52.880	52.807
2	53.297	53.157	53.159	53.065	52.975	52.915	52.942	52.961	52.926	52.912	52.879	52.716
3	53.296	53.155	53.157	*	52.970	52.914	52.945	52.959	52.927	52.914	52.878	52.623
4	53.296	53.156	53.158	53.046	52.971	52.911	52.945	52.957	52.926	52.911	52.873	52.621
5	53.262	53.156	53.165	53.041	52.978	52.904	52.948	52.958	52.926	52.910	52.872	52.616
6	53.223	53.161	53.180	53.039	52.985	52.897	52.948	52.957	52.928	52.910	52.873	52.613
7	53.219	53.161	53.112	53.040	52.977	52.900	52.951	52.955	52.925	52.908	52.880	52.609
8	53.215	53.160	53.110	53.037	52.977	52.900	52.952	52.954	52.922	52.905	52.879	52.606
9	53.211	53.161	53.111	53.035	52.972	52.902	52.954	52.957	52.925	52.906	52.875	52.601
10	53.205	53.163	53.113	53.032	52.970	52.904	52.955	52.951	52.928	52.904	52.874	52.598
11	53.201	53.163	53.111	53.029	52.966	52.908	52.952	52.952	52.927	52.909	52.872	52.595
12	53.194	53.164	53.107	53.028	52.965	52.908	52.955	52.952	52.926	52.905	52.866	52.595
13	53.188	53.163	53.108	53.026	52.962	52.910	52.958	52.952	52.924	52.904	52.864	52.587
14	53.183	53.162	53.105	53.022	52.961	52.910	52.957	52.953	52.925	52.907	52.862	52.585
15	53.175	53.165	53.104	53.020	52.958	52.912	52.954	52.950	52.923	52.902	52.859	52.580
16	53.172	53.164	53.101	53.018	52.953	52.913	52.958	52.950	52.926	52.903	52.857	52.576
17	53.172	53.164	53.099	53.014	52.948	52.915	52.960	52.949	52.923	52.903	52.853	52.575
18	53.168	53.165	53.096	53.014	52.950	52.917	52.960	52.944	52.925	52.903	52.851	52.571
19	53.166	53.163	53.095	53.009	52.947	52.919	52.961	52.942	52.925	52.898	52.848	52.566
20	53.166	53.165	53.093	53.007	52.945	52.922	52.962	52.941	52.924	52.899	52.844	52.562
21	53.162	53.163	53.090	53.004	52.941	52.922	52.963	52.939	52.924	52.897	52.840	52.562
22	53.166	53.167	53.088	53.002	52.937	52.923	52.963	52.938	52.924	52.897	52.840	52.559
23	53.164	53.165	53.085	53.000	52.933	52.924	52.963	52.940	52.922	52.895	52.837	52.556
24	53.162	53.167	53.083	52.996	52.928	52.926	52.961	52.934	52.920	52.893	52.830	52.553
25	53.161	53.164	53.081	52.996	52.922	52.930	52.964	52.935	52.922	52.891	52.827	52.552
26	53.162	53.161	53.079	52.992	52.915	52.930	52.962	52.932	52.920	52.892	52.826	52.548
27	53.163	53.160	53.078	52.987	52.912	52.931	52.961	52.931	52.920	52.888	52.821	52.543
28	53.164	53.161	53.073	52.985	52.911	52.936	52.961	52.929	52.916	52.889	52.820	52.540
29	53.165	--	53.073	52.984	52.910	52.937	52.959	52.928	52.916	52.886	52.816	52.536
30	53.164	--	53.069	52.979	52.908	52.940	52.962	52.928	52.915	52.884	52.813	52.534
31	53.160	--	53.067	--	52.905	--	52.959	52.928	--	52.884	--	52.529
月平均	53.197	53.162	53.107	53.018	52.949	52.917	52.956	52.946	52.924	52.901	52.854	52.587
本月最高	53.299	53.167	53.180	53.066	52.985	52.940	52.964	52.961	52.928	52.914	52.880	52.807
本月最低	53.160	53.155	53.067	52.979	52.905	52.897	52.940	52.928	52.915	52.884	52.813	52.529

表 3-7 JS02 別墅區三監測井日均水位數值

水位	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	23.602	21.493	22.539	22.513	22.354	20.744	21.328	21.306	20.590	19.875	21.383	22.500
2	23.381	21.502	22.537	22.267	22.345	20.622	21.338	21.313	20.583	19.844	21.483	22.558
3	23.164	21.512	22.497	22.038	22.212	20.504	21.366	21.255	20.589	19.883	21.547	22.516
4	22.823	21.532	22.482	22.079	22.136	20.445	21.381	21.352	20.633	19.927	21.534	22.535
5	22.697	21.595	22.395	22.146	22.056	20.365	21.441	21.382	20.621	19.995	21.521	22.515
6	22.654	21.733	22.398	22.221	21.989	20.357	21.438	21.328	20.641	20.051	21.585	22.459
7	22.471	21.797	22.479	22.193	21.861	20.451	21.471	21.307	20.699	20.052	21.701	22.516
8	22.352	21.988	22.494	22.143	21.737	20.566	21.468	21.188	20.755	20.165	21.776	22.470
9	22.239	22.056	22.504	22.104	21.655	20.616	21.456	20.984	20.711	20.371	21.910	22.285
10	22.097	22.033	22.464	22.110	21.567	20.687	21.463	20.822	20.731	20.436	21.997	22.099
11	22.009	22.015	22.314	22.162	21.506	20.753	21.470	20.769	20.702	20.519	21.963	22.053
12	21.984	21.972	22.184	22.282	21.436	20.627	21.478	20.756	20.743	20.588	21.921	22.064
13	21.974	21.950	22.179	22.361	21.237	20.490	21.478	20.713	20.792	20.608	21.917	22.045
14	21.893	21.961	22.141	22.405	21.066	20.449	21.481	20.669	20.870	20.596	21.990	22.131
15	21.837	21.966	22.211	22.404	20.991	20.481	21.448	20.645	20.923	20.634	22.033	22.135
16	21.809	22.110	22.323	22.372	20.974	20.473	21.283	20.694	20.928	20.667	22.168	22.021
17	21.821	22.240	22.348	22.332	21.002	20.463	21.296	20.777	20.962	20.702	22.178	21.944
18	21.786	22.102	22.209	22.246	20.959	20.495	21.269	20.844	20.989	20.739	22.183	21.936
19	21.789	22.016	22.154	22.210	20.788	20.529	21.341	20.724	20.998	20.902	22.218	21.945
20	21.816	21.982	22.099	22.285	20.701	20.585	21.416	20.587	21.105	20.962	22.247	22.003
21	21.791	22.001	22.048	22.310	20.597	20.712	21.468	20.485	21.241	20.980	22.201	22.051
22	21.830	22.067	22.137	22.232	20.540	20.817	21.471	20.456	21.337	20.947	22.215	22.067
23	21.811	22.299	22.353	22.177	20.537	20.925	21.469	20.433	21.283	20.968	22.256	22.046
24	21.737	22.468	22.460	22.172	20.553	20.982	21.424	20.457	21.275	21.026	22.256	21.993
25	21.675	22.331	22.338	22.164	20.651	20.987	21.403	20.464	21.276	21.070	22.214	21.971
26	21.753	22.236	22.309	22.215	20.730	20.993	21.305	20.438	21.279	21.213	22.196	21.991
27	21.797	22.201	22.221	22.343	20.702	21.044	21.275	20.392	21.305	21.296	22.216	22.156
28	21.729	22.376	22.178	22.343	20.701	21.128	21.290	20.373	21.087	21.305	22.277	22.307
29	21.590	--	22.245	22.271	20.769	21.223	21.303	20.388	20.595	21.297	22.362	22.319
30	21.500	--	22.368	22.260	20.834	21.309	21.301	20.450	20.163	21.314	22.485	22.224
31	21.473	--	22.476	--	20.855	--	21.297	20.510	--	21.382	--	22.276
月平均	22.093	21.983	22.325	22.245	21.227	20.694	21.391	20.783	20.880	20.655	21.998	22.198
本月最高	23.602	22.468	22.539	22.513	22.354	21.309	21.481	21.382	21.337	21.382	22.485	22.558
本月最低	21.473	21.493	22.048	22.038	20.537	20.357	21.269	20.373	20.163	19.844	21.383	21.936

表 3-8 JS03 遊客中心監測井日均溫(淺部)數值

淺水溫	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	32.565	32.235	32.372	32.426	32.601	32.055	32.312	32.554	32.340	32.666	32.000	32.127
2	32.508	32.256	32.373	32.414	32.606	32.079	32.354	32.566	32.368	33.337	31.996	32.088
3	32.458	32.256	32.353	32.391	32.575	32.160	32.367	32.581	32.416	33.189	32.016	32.069
4	32.408	32.253	32.341	32.403	32.550	32.210	32.378	32.608	32.414	32.721	32.016	32.061
5	32.301	32.262	32.349	32.392	32.526	32.236	32.381	32.631	32.355	32.367	32.014	32.068
6	32.213	32.276	32.354	32.406	32.501	32.261	32.403	32.603	32.342	32.219	32.035	32.047
7	32.165	32.283	32.360	32.416	32.477	32.224	32.413	32.602	32.351	32.145	32.048	31.999
8	32.101	32.278	32.362	32.427	32.437	32.163	32.434	32.607	32.341	32.105	32.059	31.972
9	32.085	32.287	32.406	32.460	32.410	32.135	32.452	32.601	32.320	32.032	32.079	31.933
10	32.051	32.274	32.336	32.468	32.387	32.158	32.469	32.604	32.342	31.929	32.081	31.895
11	32.041	32.266	32.293	32.495	32.352	32.172	32.474	32.616	32.388	31.876	32.086	31.872
12	32.037	32.293	32.271	32.484	32.335	32.194	32.484	32.605	32.413	31.847	32.091	31.880
13	32.049	32.290	32.280	32.498	32.279	32.192	32.480	32.582	32.399	31.830	32.107	31.894
14	32.048	32.301	32.291	32.501	32.237	32.209	32.494	32.579	32.375	31.843	32.124	31.898
15	32.017	32.313	32.295	32.503	32.217	32.166	32.504	32.577	32.389	31.845	32.135	31.903
16	32.024	32.328	32.304	32.516	32.207	32.146	32.522	32.532	32.383	31.844	32.116	31.901
17	32.033	32.337	32.309	32.496	32.208	32.196	32.544	32.467	32.401	31.837	32.137	31.899
18	32.041	32.364	32.321	32.509	32.183	32.244	32.548	32.394	32.386	31.826	32.141	31.927
19	32.065	32.332	32.296	32.497	32.150	32.260	32.542	32.357	32.393	31.836	32.148	31.966
20	32.097	32.341	32.307	32.501	32.217	32.284	32.544	32.382	32.406	31.854	32.143	31.941
21	32.148	32.355	32.309	32.513	32.236	32.285	32.544	32.427	32.399	31.872	32.152	31.931
22	32.141	32.370	32.323	32.516	32.226	32.235	32.560	32.432	32.405	31.870	32.135	31.913
23	32.158	32.369	32.330	32.534	32.228	32.221	32.571	32.441	32.417	31.885	32.136	31.904
24	32.160	32.386	32.337	32.544	32.211	32.193	32.575	32.407	32.431	31.926	32.142	31.897
25	32.174	32.412	32.340	32.565	32.130	32.200	32.572	32.302	32.439	31.935	32.154	31.907
26	32.190	32.369	32.332	32.583	32.066	32.205	32.565	32.327	32.452	31.949	32.151	31.906
27	32.216	32.357	32.334	32.592	32.089	32.215	32.554	32.373	32.451	31.956	32.148	31.912
28	32.237	32.360	32.336	32.603	32.124	32.252	32.547	32.402	32.343	31.986	32.136	31.927
29	32.210	--	32.360	32.588	32.094	32.256	32.541	32.417	32.256	32.000	32.127	31.930
30	32.199	--	32.375	32.610	32.080	32.288	32.538	32.415	32.205	31.989	32.120	*
31	32.205	--	32.389	--	32.077	--	32.544	32.380	--	31.997	--	*
月平均	32.172	32.314	32.334	32.495	32.291	32.203	32.491	32.496	32.377	32.081	32.099	31.951
本月最高	32.565	32.412	32.406	32.610	32.606	32.288	32.575	32.631	32.452	33.337	32.154	32.127
本月最低	32.017	32.235	32.271	32.391	32.066	32.055	32.312	32.302	32.205	31.826	31.996	31.872

表 3-9 JS03 遊客中心監測井日均溫(深部)數值

深水溫	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	39.430	39.377	39.405	39.470	39.504	39.149	39.163	39.196	39.165	39.286	39.317	39.376
2	39.431	39.381	39.410	39.456	39.506	39.129	39.184	39.197	39.169	39.290	39.284	39.344
3	39.431	39.376	39.405	39.429	39.500	39.112	39.194	39.202	39.176	39.289	39.331	39.338
4	39.492	39.377	39.396	39.433	39.501	39.112	39.180	39.207	39.207	39.295	39.315	39.352
5	39.488	39.376	39.400	39.423	39.504	39.124	39.167	39.254	39.181	39.294	39.301	39.383
6	39.426	39.378	39.399	39.426	39.513	39.134	39.161	39.225	39.169	39.305	39.321	39.398
7	39.423	39.384	39.396	39.432	39.508	39.144	39.165	39.228	39.186	39.283	39.307	39.387
8	39.419	39.376	39.396	39.436	39.508	39.138	39.166	39.275	39.202	39.264	39.277	39.368
9	39.416	39.377	39.457	39.437	39.507	39.142	39.168	39.281	39.205	39.282	39.308	39.394
10	39.414	39.379	39.415	39.442	39.513	39.169	39.168	39.247	39.200	39.258	39.320	39.429
11	39.412	39.379	39.401	39.451	39.521	39.182	39.183	39.242	39.201	39.224	39.326	39.435
12	39.406	39.391	39.402	39.430	39.513	39.169	39.178	39.231	39.223	39.225	39.329	39.443
13	39.375	39.382	39.408	39.441	39.508	39.171	39.167	39.201	39.221	39.234	39.333	39.454
14	39.361	39.381	39.408	39.445	39.499	39.152	39.168	39.191	39.199	39.241	39.341	39.461
15	39.358	39.380	39.406	39.460	39.506	39.128	39.168	39.213	39.209	39.245	39.360	39.456
16	39.350	39.381	39.406	39.471	39.493	39.136	39.178	39.206	39.207	39.256	39.364	39.456
17	39.347	39.379	39.419	39.436	39.487	39.137	39.221	39.198	39.206	39.239	39.365	39.469
18	39.350	39.414	39.438	39.448	39.469	39.146	39.224	39.202	39.208	39.230	39.376	39.524
19	39.358	39.383	39.422	39.475	39.426	39.131	39.204	39.227	39.211	39.254	39.378	39.567
20	39.360	39.390	39.424	39.479	39.371	39.119	39.209	39.199	39.221	39.227	39.369	39.517
21	39.365	39.397	39.418	39.489	39.317	39.109	39.207	39.183	39.209	39.227	39.363	39.509
22	39.370	39.395	39.418	39.489	39.299	39.113	39.204	39.177	39.201	39.238	39.371	39.491
23	39.373	39.388	39.414	39.483	39.304	39.147	39.213	39.192	39.186	39.261	39.364	39.474
24	39.373	39.394	39.422	39.487	39.222	39.148	39.232	39.245	39.185	39.267	39.351	39.474
25	39.376	39.438	39.436	39.488	39.183	39.140	39.220	39.229	39.182	39.270	39.357	39.473
26	39.374	39.412	39.414	39.491	39.184	39.153	39.218	39.236	39.204	39.272	39.378	39.483
27	39.376	39.410	39.419	39.513	39.185	39.165	39.211	39.199	39.209	39.279	39.399	39.468
28	39.378	39.406	39.418	39.510	39.186	39.165	39.206	39.179	39.209	39.287	39.397	39.467
29	39.376	--	39.419	39.498	39.154	39.165	39.199	39.186	39.271	39.299	39.381	39.490
30	39.377	--	39.421	39.501	39.147	39.160	39.198	39.175	39.264	39.282	39.387	*
31	39.378	--	39.428	--	39.154	--	39.196	39.167	--	39.274	--	*
月平均	39.392	39.389	39.414	39.462	39.393	39.143	39.191	39.213	39.203	39.264	39.346	39.444
本月最高	39.492	39.438	39.457	39.513	39.521	39.182	39.232	39.281	39.271	39.305	39.399	39.567
本月最低	39.347	39.376	39.396	39.423	39.147	39.109	39.161	39.167	39.165	39.224	39.277	39.338

表 3-10 JS03 遊客中心監測井日均水位數值

水位	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	2.519	1.556	2.007	2.020	1.502	0.432	1.088	1.193	0.514	0.418	1.306	2.380
2	2.130	1.540	2.027	1.880	1.369	0.322	1.058	1.171	0.597	0.287	1.427	2.408
3	1.849	1.487	1.949	1.771	1.257	0.208	0.972	1.248	0.595	0.288	1.448	2.253
4	1.511	1.443	1.806	1.842	1.302	0.215	1.037	1.274	0.633	0.358	1.365	2.244
5	1.394	1.586	1.724	1.987	1.271	0.156	1.141	1.180	0.775	0.449	1.320	2.160
6	1.418	1.740	1.747	2.077	1.223	0.226	1.243	1.128	0.792	0.491	1.317	2.188
7	1.317	1.752	1.716	1.950	1.017	0.389	1.270	1.112	0.820	0.452	1.362	2.410
8	1.281	1.915	1.802	1.755	0.950	0.523	1.209	0.958	0.844	0.488	1.508	2.519
9	1.330	1.895	1.908	1.697	0.898	0.575	1.284	0.713	0.764	0.617	1.731	2.221
10	1.226	1.707	1.899	1.704	0.834	0.580	1.264	0.577	0.748	0.768	1.912	1.884
11	1.175	1.615	1.696	1.757	0.784	0.568	1.260	0.445	0.696	0.929	1.840	1.924
12	1.188	1.542	1.520	1.855	0.789	0.426	1.314	0.369	0.780	0.917	1.698	1.940
13	1.282	1.510	1.527	1.920	0.559	0.445	1.425	0.317	0.895	0.813	1.700	2.013
14	1.231	1.525	1.513	1.995	0.433	0.440	1.388	0.307	1.009	0.765	1.796	2.216
15	1.150	1.540	1.634	1.913	0.422	0.453	1.344	0.370	1.024	0.751	1.951	2.240
16	1.200	1.635	1.814	1.904	0.448	0.466	1.308	0.401	1.020	0.868	2.149	2.060
17	1.218	1.771	1.847	1.814	0.504	0.356	1.291	0.505	0.987	0.905	2.229	1.950
18	1.281	1.614	1.682	1.645	0.450	0.382	1.382	0.576	1.012	0.941	2.131	1.912
19	1.373	1.445	1.602	1.569	0.403	0.439	1.394	0.452	1.092	1.142	2.049	1.966
20	1.520	1.387	1.603	1.628	0.243	0.505	1.440	0.331	1.279	1.241	2.092	2.151
21	1.527	1.482	1.589	1.630	0.152	0.595	1.444	0.263	1.487	1.197	2.071	2.142
22	1.569	1.522	1.674	1.473	0.168	0.778	1.416	0.280	1.476	1.104	2.121	2.231
23	1.564	1.759	1.907	1.351	0.117	0.864	1.434	0.251	1.314	1.131	2.249	2.201
24	1.543	1.999	2.073	1.388	0.113	0.869	1.357	0.371	1.236	1.095	2.317	2.084
25	1.502	1.741	1.932	1.379	0.305	0.791	1.316	0.374	1.260	1.131	2.235	1.957
26	1.656	1.413	1.822	1.397	0.427	0.829	1.319	0.241	1.294	1.261	2.203	1.983
27	1.838	1.545	1.739	1.597	0.308	0.868	1.288	0.209	1.341	1.379	2.241	2.324
28	1.791	1.830	1.749	1.561	0.294	0.900	1.311	0.200	1.258	1.326	2.296	2.533
29	1.595	--	1.886	1.496	0.375	1.113	1.230	0.221	0.867	1.213	2.558	2.445
30	1.501	--	1.980	1.442	0.435	1.177	1.219	0.222	0.566	1.262	2.512	*
31	1.529	--	2.059	--	0.497	--	1.211	0.305	--	1.319	--	*
月平均	1.491	1.625	1.788	1.713	0.640	0.563	1.279	0.567	0.966	0.881	1.905	2.170
本月最高	2.519	1.999	2.073	2.077	1.502	1.177	1.444	1.274	1.487	1.379	2.558	2.533
本月最低	1.150	1.387	1.513	1.351	0.113	0.156	0.972	0.200	0.514	0.287	1.306	1.884

表 3-11 JS04 碧富邑監測井日均溫(淺部)數值

淺水溫	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	21.901	21.748	21.811	21.604	22.017	22.611	23.068	23.631	24.054	23.727	23.267	22.451
2	21.952	21.716	21.799	21.622	22.050	22.605	23.131	23.658	24.061	23.709	23.249	*
3	22.008	21.742	21.838	21.578	22.119	22.613	23.114	23.632	24.082	23.806	23.200	*
4	22.034	21.717	21.868	21.560	22.203	22.664	22.928	23.663	24.049	23.673	23.171	*
5	22.045	21.691	21.883	21.604	22.253	22.671	22.978	23.440	24.019	22.804	23.149	22.846
6	22.018	21.677	21.881	21.550	22.267	22.608	23.087	23.387	24.030	22.724	23.112	22.809
7	21.987	21.682	21.850	21.523	22.286	22.362	23.088	23.619	23.993	22.548	23.007	22.764
8	21.962	21.684	21.835	21.591	22.177	22.040	23.003	23.622	24.047	21.724	22.568	22.760
9	21.945	21.693	21.770	21.651	22.126	21.907	23.125	23.671	24.075	22.245	22.875	22.755
10	21.936	21.715	21.639	21.668	22.157	21.935	23.165	23.526	24.075	22.713	22.846	22.728
11	21.937	21.738	21.736	21.449	22.293	21.940	23.098	22.614	24.072	21.640	22.809	22.679
12	21.946	21.728	21.740	21.379	22.420	21.795	23.105	23.263	23.996	20.137	22.764	22.621
13	21.958	21.739	21.672	21.521	22.494	22.003	23.214	23.285	24.041	21.269	22.760	22.577
14	21.983	21.766	21.626	21.652	22.516	22.092	23.310	23.413	23.478	21.631	22.755	22.534
15	22.010	21.798	21.612	21.749	22.499	22.346	23.350	23.432	21.786	20.998	22.728	22.505
16	22.032	21.776	21.591	21.758	22.509	22.055	23.488	23.177	23.064	21.656	22.679	22.493
17	22.046	21.781	21.585	21.811	22.529	22.103	23.572	23.234	23.474	22.449	22.621	22.489
18	22.052	21.789	21.584	21.885	22.524	21.523	23.149	23.581	23.618	22.605	22.577	22.480
19	22.036	21.801	21.601	21.919	22.548	22.366	23.261	23.442	23.640	22.845	22.534	22.471
20	21.993	21.825	21.601	21.974	22.558	22.367	23.409	23.476	23.652	22.373	22.505	22.478
21	21.971	21.845	21.629	22.003	22.544	22.488	23.464	23.682	23.527	22.679	22.493	22.477
22	21.966	21.848	21.642	22.026	22.461	21.419	23.296	23.830	23.020	22.692	22.489	22.470
23	21.956	21.818	21.663	22.039	22.337	21.288	23.331	23.900	*	23.081	22.480	22.470
24	21.942	21.813	21.666	21.944	22.406	21.944	23.346	23.900	*	22.980	22.471	22.472
25	21.903	21.804	21.665	21.917	22.471	22.099	23.389	24.082	*	22.726	22.478	22.468
26	21.837	21.814	21.671	21.974	22.543	22.291	23.408	24.117	*	22.481	22.477	22.456
27	21.802	21.809	21.668	22.051	22.478	22.532	23.455	24.120	22.335	22.628	22.470	22.448
28	21.786	21.815	21.679	21.793	22.448	22.827	23.447	24.117	22.237	22.490	22.469	22.435
29	21.780	--	21.709	21.708	22.462	22.961	23.488	24.080	23.155	21.403	22.470	22.427
30	21.755	--	21.613	21.864	22.509	23.061	23.547	24.048	23.666	20.072	22.455	22.440
31	21.749	--	21.605	--	22.554	--	23.604	24.056	--	22.632	--	*
月平均	21.943	21.763	21.701	21.746	22.379	22.251	23.271	23.635	23.586	22.359	22.731	22.556
本月最高	22.052	21.848	21.883	22.051	22.558	23.061	23.604	24.120	24.082	23.806	23.267	22.846
本月最低	21.749	21.677	21.584	21.379	22.017	21.288	22.928	22.614	21.786	20.072	22.455	22.427

表 3-12 JS04 碧富邑監測井日均溫(深部)數值

深水溫	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	44.130	48.165	45.663	52.882	54.378	51.511	50.652	52.324	53.668	52.391	51.181	54.263
2	46.665	47.963	45.685	52.438	54.252	51.422	51.204	52.498	53.630	52.253	51.603	*
3	47.512	45.267	46.200	48.309	54.550	52.189	51.309	50.224	52.286	51.131	51.339	*
4	47.756	41.319	46.790	48.014	54.690	52.213	51.529	49.693	48.644	51.463	52.185	*
5	47.928	41.317	47.492	48.759	53.189	48.705	51.646	49.939	47.805	52.007	52.720	51.078
6	47.481	40.868	48.862	49.010	51.097	44.757	50.717	50.314	48.157	51.629	52.499	51.505
7	47.307	40.669	49.787	49.915	51.291	44.985	50.897	50.731	48.134	51.897	51.344	49.805
8	47.667	39.728	50.019	50.886	51.559	45.082	51.433	48.770	48.000	49.555	51.540	49.598
9	48.420	40.044	49.791	50.763	52.078	45.592	51.746	47.687	48.222	43.600	50.514	51.333
10	48.868	41.065	49.447	50.981	52.096	45.506	51.869	47.933	49.124	44.246	49.229	52.952
11	49.018	42.603	50.590	51.093	52.189	44.898	52.267	49.504	48.842	44.746	50.751	54.046
12	48.240	43.502	51.893	51.266	52.749	44.613	52.264	50.563	49.037	45.038	51.714	54.451
13	47.542	44.411	52.524	51.136	52.723	44.657	52.030	51.362	48.928	45.911	52.729	54.666
14	47.968	44.539	52.488	51.266	52.901	44.946	52.187	51.418	48.460	49.860	53.166	54.643
15	49.365	45.308	52.818	51.438	53.362	44.906	52.366	51.928	47.678	50.085	52.508	54.076
16	49.810	44.964	52.844	51.862	53.467	45.287	49.597	51.815	48.219	50.444	51.508	54.993
17	49.647	43.688	52.548	52.415	53.039	46.016	49.090	51.431	47.773	50.616	50.869	55.693
18	49.901	44.850	51.535	52.111	52.273	46.630	48.995	51.360	48.023	50.958	52.087	56.021
19	50.182	46.126	51.984	51.971	52.235	47.227	49.151	51.242	48.441	50.245	52.509	56.118
20	49.577	46.861	51.848	52.062	52.343	48.071	49.262	51.370	49.253	48.802	52.805	56.243
21	49.312	47.055	52.697	51.988	52.386	48.612	49.330	51.981	48.441	49.780	52.934	56.111
22	49.165	47.139	52.793	51.935	52.561	48.414	49.570	52.289	48.433	50.542	53.981	55.998
23	49.397	45.790	51.786	52.304	52.846	47.924	49.967	52.476	50.244	51.303	54.260	56.330
24	49.234	43.446	49.249	53.417	53.142	47.989	50.189	52.822	51.519	51.233	54.146	56.675
25	49.774	44.768	49.911	54.073	53.053	48.901	50.349	53.937	52.138	51.739	54.677	56.909
26	48.763	45.949	50.391	54.587	53.082	49.560	50.271	54.370	52.475	51.500	55.070	57.040
27	46.440	46.682	52.350	53.663	53.721	49.829	50.582	55.252	52.586	50.428	55.288	56.989
28	46.610	46.316	53.881	52.842	54.129	50.629	50.876	55.893	51.601	51.040	55.461	55.924
29	47.627	--	53.999	53.876	54.041	50.308	51.412	56.286	50.681	51.483	55.503	55.491
30	48.177	--	53.685	54.444	53.829	50.160	51.734	56.405	51.743	51.235	54.718	55.942
31	48.533	--	52.955	--	52.818	--	52.264	55.679	--	51.055	--	*
月平均	48.323	44.300	50.790	51.724	52.970	47.718	50.863	51.919	49.740	49.942	52.695	54.626
本月最高	50.182	48.165	53.999	54.587	54.690	52.213	52.366	56.405	53.668	52.391	55.503	57.040
本月最低	44.130	39.728	45.663	48.014	51.097	44.613	48.995	47.687	47.678	43.600	49.229	49.598

表 3-13 JS04 碧富邑監測井日均水位數值

水位	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	6.329	5.998	6.496	6.677	6.789	4.966	5.648	5.479	4.988	4.722	5.898	6.779
2	5.865	5.996	6.405	6.334	6.217	4.827	5.588	5.590	4.979	4.695	6.054	*
3	5.573	5.968	6.197	6.484	5.770	4.714	5.552	5.747	4.985	4.820	6.104	*
4	5.182	6.033	5.920	6.831	5.678	4.679	5.579	5.788	5.052	4.933	6.016	*
5	5.198	6.160	5.782	7.230	5.626	4.734	5.744	5.692	5.113	5.022	6.047	6.709
6	5.242	6.375	5.804	7.110	5.616	4.902	5.798	5.600	5.175	5.090	6.136	6.699
7	5.054	6.440	5.733	7.322	5.484	5.054	5.762	5.587	5.248	5.058	6.203	6.955
8	5.055	6.732	6.040	7.317	5.405	5.170	5.662	5.544	5.277	5.151	6.329	6.895
9	5.055	6.661	6.439	7.419	5.429	5.200	5.760	5.351	5.194	5.255	6.569	6.583
10	4.976	6.442	7.227	7.398	5.402	5.238	5.839	5.152	5.174	5.441	6.463	6.376
11	5.033	6.290	6.968	7.472	5.433	5.180	5.891	5.050	5.160	5.558	6.351	6.345
12	5.179	6.154	6.464	7.478	5.340	4.987	5.946	5.029	5.210	5.603	6.277	6.397
13	5.246	6.141	6.501	7.420	5.096	4.931	6.022	4.989	5.357	5.542	6.277	6.447
14	5.195	6.165	6.507	7.061	4.992	4.947	6.009	5.012	5.463	5.578	6.429	6.701
15	5.191	6.148	6.477	7.168	5.010	4.960	5.952	5.034	5.530	5.744	6.565	6.686
16	5.284	6.408	6.680	7.315	5.062	4.930	5.932	5.097	5.511	5.825	6.768	6.469
17	5.389	6.505	6.715	7.336	5.151	4.923	5.834	5.187	5.527	5.903	6.628	6.404
18	5.434	6.216	6.532	7.270	5.158	4.999	5.743	5.244	5.552	5.664	6.596	6.435
19	5.530	6.056	6.651	7.097	4.939	5.049	5.609	5.071	5.663	5.887	6.589	6.495
20	5.684	6.005	6.710	7.280	4.881	5.107	5.606	4.892	5.840	5.955	6.607	6.627
21	5.655	6.049	6.630	7.258	4.822	5.245	5.587	4.798	6.085	5.880	6.542	6.683
22	5.763	6.141	7.249	7.217	4.818	5.365	5.543	4.811	6.048	5.843	6.602	6.715
23	5.738	6.494	7.447	7.075	4.837	5.461	5.517	4.848	5.853	5.770	6.730	6.607
24	5.757	6.635	7.554	7.040	4.862	5.396	5.489	4.935	5.827	5.832	6.598	6.495
25	5.760	6.205	7.409	7.024	4.995	5.387	5.450	4.871	5.828	6.036	6.493	6.524
26	6.039	6.057	7.268	6.910	5.059	5.405	5.324	4.782	5.892	6.093	6.470	6.598
27	6.068	6.062	6.992	7.150	4.953	5.474	5.334	4.747	5.912	6.006	6.530	6.786
28	5.944	6.359	6.592	6.931	4.944	5.526	5.402	4.769	5.709	5.928	6.554	7.004
29	5.853	--	6.852	6.821	5.018	5.663	5.395	4.784	5.210	6.037	6.797	7.002
30	5.833	--	6.900	6.757	5.062	5.716	5.412	4.833	5.000	5.960	7.142	6.749
31	5.915	--	6.609	--	5.072	--	5.414	4.932	--	5.926	--	*
月平均	5.517	6.246	6.637	7.107	5.255	5.138	5.656	5.137	5.445	5.573	6.446	6.636
本月最高	6.329	6.732	7.554	7.478	6.789	5.716	6.022	5.788	6.085	6.093	7.142	7.004
本月最低	4.976	5.968	5.733	6.334	4.818	4.679	5.324	4.747	4.979	4.695	5.898	6.345

表 3-14 JS05 香檳監測井日均溫(淺部)數值

淺水溫	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	23.976	23.686	24.803	24.406	25.080	25.631	26.067	26.250	27.291	26.726	25.964	25.664
2	23.984	23.687	24.864	24.565	25.052	25.701	26.101	26.231	27.308	26.783	25.968	25.563
3	23.981	23.698	24.946	24.654	24.954	25.749	26.121	26.208	27.326	26.834	25.929	25.389
4	24.075	23.665	24.998	24.716	24.894	25.749	26.161	26.199	27.319	26.895	25.888	25.177
5	24.303	23.670	25.144	24.779	24.861	25.735	26.150	26.173	27.318	26.930	25.860	25.022
6	24.423	23.635	25.204	24.856	24.799	25.638	26.120	26.135	27.326	26.996	25.986	24.888
7	24.611	23.658	25.230	24.953	24.807	25.607	26.104	26.150	27.331	27.057	26.050	24.764
8	24.693	23.685	25.225	25.003	24.824	25.520	26.119	26.103	27.293	27.111	25.936	24.647
9	24.791	23.675	25.076	25.066	24.806	25.528	26.129	26.068	27.169	27.124	25.837	24.582
10	24.807	23.622	24.851	25.117	24.736	25.503	26.186	26.271	27.088	27.161	25.757	24.546
11	24.793	23.633	24.680	25.155	24.736	25.488	26.198	26.436	27.045	27.184	25.711	24.501
12	24.803	23.739	24.478	25.186	24.767	25.463	26.217	26.528	27.020	27.180	25.687	24.388
13	24.855	23.831	24.329	25.221	24.780	25.498	26.284	26.625	26.995	27.185	25.643	24.364
14	24.856	23.974	24.252	25.284	24.887	25.518	26.324	26.702	27.022	27.171	25.559	24.344
15	24.845	24.131	24.159	25.299	24.964	25.569	26.362	26.756	27.026	27.191	25.518	24.312
16	24.767	24.241	24.036	25.341	25.017	25.631	26.336	26.800	27.006	27.208	25.501	24.300
17	24.709	24.330	24.025	25.380	25.049	25.650	26.288	26.852	26.963	27.215	25.580	24.298
18	24.647	24.468	23.980	25.412	25.121	25.705	26.315	26.886	26.930	27.163	25.704	24.280
19	24.551	24.574	23.917	25.373	25.211	25.733	26.310	26.929	26.870	27.115	25.839	24.294
20	24.432	24.665	23.903	25.406	25.301	25.764	26.310	27.014	26.801	27.118	25.870	24.284
21	24.272	24.737	23.891	25.470	25.416	25.788	26.315	27.039	26.715	27.139	25.813	24.272
22	24.187	24.820	23.871	25.451	25.519	25.834	26.280	27.074	26.689	27.136	25.674	24.303
23	24.145	24.835	23.799	25.342	25.575	25.865	26.289	27.103	26.653	26.981	25.611	24.362
24	24.085	24.947	23.761	25.326	25.632	25.911	26.294	27.108	26.595	26.809	25.597	24.358
25	24.034	24.978	23.763	25.352	25.686	25.938	26.280	27.156	26.540	26.591	25.605	24.380
26	23.889	24.967	23.766	25.366	25.734	25.976	26.239	27.186	26.483	26.440	25.582	24.330
27	23.868	24.851	23.818	25.348	25.733	25.982	26.255	27.215	26.441	26.293	25.589	24.280
28	23.914	24.773	23.900	25.350	25.719	26.011	26.258	27.238	26.427	26.237	25.633	24.213
29	23.829	--	23.984	25.266	25.686	26.016	26.257	27.251	26.575	26.158	25.677	24.151
30	23.800	--	24.091	25.138	25.678	26.053	26.258	27.268	26.662	26.075	25.656	24.160
31	23.752	--	24.268	--	25.648	--	26.254	27.273	--	25.992	--	24.137
月平均	24.344	24.185	24.355	25.153	25.183	25.725	26.232	26.717	26.941	26.877	25.741	24.534
本月最高	24.856	24.978	25.230	25.470	25.734	26.053	26.362	27.273	27.331	27.215	26.050	25.664
本月最低	23.752	23.622	23.761	24.406	24.736	25.463	26.067	26.068	26.427	25.992	25.501	24.137

表 3-15 JS05 香檳監測井日均溫(深部)數值

深水温	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	56.594	56.684	56.843	56.959	56.792	57.044	57.146	57.171	57.049	57.156	57.181	57.237
2	56.500	56.646	56.805	56.955	56.812	57.047	57.148	57.167	57.062	57.149	57.213	57.177
3	56.545	56.600	56.896	56.945	56.782	57.056	57.157	57.165	57.072	57.146	57.166	57.109
4	56.487	*	56.982	56.945	56.775	57.067	57.157	57.169	57.045	57.144	57.207	57.107
5	56.600	*	56.982	56.942	56.816	57.067	57.161	57.167	57.062	57.148	57.204	57.112
6	56.661	*	56.983	56.944	56.972	57.077	57.160	57.169	57.095	57.158	57.221	57.059
7	56.683	*	56.980	56.938	56.964	57.075	57.159	57.169	57.086	57.157	57.227	57.080
8	56.708	*	56.974	56.942	56.968	57.072	57.166	56.577	57.089	57.156	57.232	57.106
9	56.758	56.965	56.972	56.944	56.963	57.087	57.170	56.349	57.093	57.160	57.230	57.083
10	56.726	56.972	56.972	56.936	56.960	57.093	57.164	56.489	57.090	57.157	57.234	57.133
11	56.640	56.971	56.973	56.938	56.961	57.100	57.170	56.435	57.089	56.974	57.235	57.149
12	56.717	56.970	56.973	56.938	56.963	57.107	57.167	56.365	57.105	57.166	57.232	57.140
13	56.769	56.973	56.969	56.937	56.966	57.103	57.170	56.353	57.102	57.164	57.232	57.134
14	56.701	56.970	56.972	56.882	56.971	57.100	57.169	56.396	57.111	57.171	57.235	57.144
15	56.707	56.977	56.971	56.931	56.972	57.106	57.174	56.395	57.106	57.173	57.238	57.174
16	56.748	56.900	56.968	56.931	56.981	57.120	57.131	56.346	57.120	57.183	57.237	57.186
17	56.704	56.823	56.967	56.685	56.985	57.121	57.160	56.504	57.125	57.174	57.241	57.222
18	56.765	56.980	56.968	56.299	56.988	57.126	57.164	56.547	57.125	57.168	57.247	57.218
19	56.732	56.978	56.966	56.585	56.989	57.127	57.166	56.741	57.106	57.130	57.243	57.226
20	56.748	56.976	56.969	56.570	56.993	57.132	57.164	56.853	57.131	57.131	57.245	57.204
21	56.670	56.978	56.965	56.524	56.995	57.132	57.164	56.957	57.112	57.147	57.248	57.214
22	56.453	56.976	56.968	56.537	57.000	57.124	57.164	56.938	57.125	57.125	57.246	57.102
23	56.712	56.972	56.964	56.522	57.003	57.126	57.170	56.943	57.122	57.196	57.242	57.185
24	56.728	56.971	56.961	56.537	57.009	57.122	57.169	56.977	57.128	57.187	57.245	57.222
25	56.650	56.968	56.959	56.492	57.012	57.134	57.170	56.981	57.117	57.176	57.241	57.222
26	56.382	56.971	56.961	56.656	57.014	57.141	57.171	56.977	57.141	57.188	57.246	57.240
27	56.598	56.974	56.972	56.646	57.021	57.146	57.171	57.039	57.018	57.196	57.242	57.182
28	56.643	56.896	56.981	56.556	57.028	57.149	57.173	57.044	57.158	57.165	57.239	57.149
29	56.644	--	56.977	56.411	57.030	57.142	57.171	57.035	57.161	57.201	57.246	57.122
30	56.628	--	56.960	56.678	57.039	57.143	57.121	57.026	57.159	57.176	57.243	57.159
31	56.644	--	56.957	--	57.042	--	57.170	57.037	--	57.197	--	57.158
月平均	56.653	56.917	56.958	56.757	56.960	57.106	57.162	56.822	57.104	57.159	57.231	57.160
本月最高	56.769	56.980	56.983	56.959	57.042	57.149	57.174	57.171	57.161	57.201	57.248	57.240
本月最低	56.382	56.600	56.805	56.299	56.775	57.044	57.121	56.346	57.018	56.974	57.166	57.059

表 3-16 JS05 香檳監測井日均水位數值

水位	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	6.350	5.786	6.762	6.755	5.894	4.658	5.073	5.287	5.068	4.588	5.295	6.348
2	5.963	5.874	6.779	6.507	5.890	4.712	5.032	5.336	5.018	4.603	5.407	6.440
3	5.680	5.661	6.730	6.766	5.950	4.736	5.006	5.523	5.102	4.685	5.397	6.418
4	5.432	5.569	6.545	6.603	6.012	4.641	5.033	5.532	5.095	4.712	5.363	6.434
5	5.497	5.805	6.261	6.432	6.318	4.661	5.094	5.393	5.184	4.793	5.348	6.425
6	5.515	6.042	6.230	6.363	6.215	4.686	5.150	5.327	5.165	4.760	5.411	6.422
7	5.385	6.095	6.198	6.544	6.253	4.873	5.175	5.320	5.226	4.683	5.537	6.605
8	5.385	6.323	6.280	6.614	6.248	5.039	5.112	4.900	5.246	4.723	5.730	6.537
9	5.361	6.194	6.547	6.644	6.124	4.988	5.140	4.667	5.268	4.631	5.966	6.188
10	5.301	5.983	6.457	6.579	6.057	5.009	5.118	4.614	5.255	4.795	5.972	5.887
11	5.350	5.976	6.187	6.447	5.946	4.975	5.166	4.630	5.155	4.987	5.840	5.938
12	5.488	5.892	6.050	6.268	5.957	4.836	5.293	4.660	5.141	4.993	5.800	6.047
13	5.489	6.006	6.028	6.142	6.093	4.740	5.374	4.665	5.213	4.934	5.800	6.099
14	5.397	6.052	6.104	6.142	6.117	4.736	5.236	4.693	5.265	4.925	5.977	6.310
15	5.371	6.082	6.191	6.150	6.034	4.798	5.208	4.747	5.217	5.085	6.048	6.282
16	5.417	6.332	6.438	6.168	5.949	4.744	5.486	4.863	5.187	5.193	6.176	6.053
17	5.448	6.374	6.400	6.211	5.819	4.689	5.759	4.980	5.186	5.177	6.124	5.972
18	5.439	6.208	6.289	6.386	5.758	4.698	5.907	5.037	5.217	5.316	6.133	6.021
19	5.579	6.047	6.276	6.439	5.823	4.709	6.098	4.926	5.288	5.501	6.154	6.072
20	5.716	5.999	6.315	6.283	5.789	4.720	6.212	4.802	5.438	5.473	6.222	6.239
21	5.666	6.133	6.314	6.355	5.732	4.849	6.153	4.782	5.626	5.302	6.108	6.207
22	5.799	6.235	6.470	6.461	5.655	4.958	6.018	4.803	5.560	5.226	6.070	6.241
23	5.733	6.575	6.718	6.485	5.534	5.004	5.883	4.854	5.403	5.178	6.164	6.193
24	5.739	6.685	6.754	6.419	5.403	4.973	5.765	4.934	5.407	5.068	6.219	6.074
25	5.684	6.360	6.643	6.376	5.160	4.947	5.618	4.906	5.398	5.142	6.235	6.078
26	5.899	6.216	6.546	6.260	5.082	4.911	5.479	4.899	5.449	5.311	6.237	6.145
27	5.944	6.322	6.494	5.996	5.104	4.923	5.404	4.871	5.459	5.321	6.247	6.490
28	5.835	6.655	6.613	6.089	5.014	4.980	5.373	4.853	5.293	5.189	6.375	6.654
29	5.681	--	6.803	6.148	4.828	5.101	5.326	4.885	4.996	5.199	6.493	6.601
30	5.681	--	6.884	6.063	4.728	5.113	5.304	4.945	4.773	5.271	6.655	6.405
31	5.735	--	6.833	--	4.653	--	5.258	5.055	--	5.287	--	6.565
月平均	5.612	6.124	6.456	6.370	5.714	4.847	5.427	4.958	5.243	5.034	5.950	6.271
本月最高	6.350	6.685	6.884	6.766	6.318	5.113	6.212	5.532	5.626	5.501	6.655	6.654
本月最低	5.301	5.569	6.028	5.996	4.653	4.641	5.006	4.614	4.773	4.588	5.295	5.887

表 3-17 JS06 福崇寺監測井日均溫(淺部)數值

淺水溫	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	*	56.613	56.372	55.791	56.203	57.652	57.844	57.903	57.712	57.132	57.199	56.132
2	*	57.005	56.704	56.465	56.172	57.888	57.686	57.933	57.708	57.426	57.283	52.481
3	*	57.290	56.012	56.627	56.783	57.864	57.749	57.895	57.588	57.428	57.125	52.946
4	57.428	56.750	56.259	56.851	56.893	57.842	57.836	57.743	57.438	57.340	57.041	53.137
5	57.509	57.242	56.038	56.555	57.029	57.834	57.880	57.646	57.452	57.392	56.984	56.015
6	57.196	57.266	55.861	56.698	56.506	57.866	57.886	57.788	57.708	57.357	57.206	52.645
7	57.335	57.154	55.376	56.870	56.563	57.801	57.841	57.621	57.634	57.239	57.419	53.274
8	57.455	56.703	55.969	57.038	57.032	57.846	57.857	57.465	57.525	57.037	57.316	54.125
9	57.067	56.851	56.166	57.052	56.885	57.845	57.854	57.117	57.720	56.946	57.212	56.705
10	57.702	56.972	55.891	56.835	57.028	57.680	57.894	58.042	57.774	57.217	57.168	56.656
11	57.690	56.687	56.467	56.334	57.261	57.036	57.663	58.042	57.737	57.333	57.172	56.197
12	57.509	56.995	56.705	56.167	57.022	57.332	57.796	57.920	57.684	57.433	57.219	56.662
13	57.403	56.862	56.605	56.518	57.420	57.643	57.839	57.949	57.722	57.404	57.247	56.657
14	57.401	57.019	56.400	56.459	57.489	57.616	57.867	57.916	57.767	57.345	57.088	54.887
15	57.554	57.159	56.428	56.200	57.433	57.746	57.840	57.594	57.612	57.289	57.082	56.650
16	57.166	56.761	56.634	56.150	57.612	57.807	57.910	57.400	57.625	57.261	57.166	56.532
17	57.205	56.516	56.631	56.580	57.180	57.856	57.763	57.414	57.560	57.234	57.177	56.402
18	57.284	56.904	56.947	56.892	57.421	57.847	57.821	56.990	57.481	57.101	56.621	55.857
19	57.423	57.058	56.857	56.870	57.712	57.882	57.871	57.184	57.468	56.814	56.235	55.817
20	57.270	57.223	57.031	56.934	57.295	57.946	57.875	57.263	57.122	57.199	56.020	55.683
21	56.934	57.126	56.955	56.891	57.411	57.943	57.855	57.404	57.203	57.283	56.084	54.774
22	56.601	56.472	56.728	57.206	57.469	57.863	57.627	57.453	57.391	57.125	56.863	55.929
23	57.066	56.280	56.292	57.254	57.423	57.686	57.629	57.224	57.619	57.041	56.980	55.552
24	57.091	55.891	56.153	57.288	57.572	57.547	57.760	56.941	57.538	56.984	57.166	55.570
25	57.230	56.340	56.419	57.242	57.729	57.611	57.595	57.275	57.612	57.201	55.936	55.654
26	56.794	56.379	56.646	57.207	57.820	57.630	57.869	57.731	57.549	57.345	55.608	55.110
27	56.766	56.743	56.862	56.496	57.730	57.753	57.906	57.561	56.893	57.289	56.054	54.728
28	56.965	56.334	57.002	56.961	57.633	57.839	57.901	57.577	56.788	57.261	56.036	52.669
29	56.898	--	56.782	57.196	57.443	57.841	57.829	57.810	57.177	57.234	54.306	53.182
30	57.107	--	56.443	57.100	57.692	57.888	57.876	57.681	56.012	57.101	54.240	53.457
31	57.045	--	56.166	--	57.408	--	57.826	57.699	--	56.814	--	53.877
月平均	57.218	56.807	56.445	56.758	57.235	57.748	57.814	57.587	57.461	57.213	56.675	55.031
本月最高	57.702	57.290	57.031	57.288	57.820	57.946	57.910	58.042	57.774	57.433	57.419	56.705
本月最低	56.601	55.891	55.376	55.791	56.172	57.036	57.595	56.941	56.012	56.814	54.240	52.481

表 3-18 JS06 福崇寺監測井日均水位數值

水位	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12	
1	*	*	*	*	*	*	*	*	*	*	-3.865	-2.831	
2	*	*	*	*	*	*	*	*	*	*	-3.774	-2.361	
3	*	*	*	*	*	*	*	*	*	*	-3.713	-2.458	
4	*	*	*	*	*	*	*	*	*	*	-3.739	-2.454	
5	*	*	*	*	*	*	*	*	*	*	-3.741	-2.762	
6	*	*	*	*	*	*	*	*	*	*	-3.769	-2.506	
7	*	*	*	*	*	*	*	*	*	*	-3.739	-2.190	
8	*	*	*	*	*	*	*	*	*	*	-3.629	-2.253	
9	*	*	*	*	*	*	*	*	*	*	-3.468	-2.961	
10	*	*	*	*	*	*	*	*	*	*	-3.389	-3.152	
11	*	*	*	*	*	*	*	*	*	*	-3.452	-3.176	
12	*	*	*	*	*	*	*	*	*	*	-3.487	-3.132	
13	*	*	*	*	*	*	*	*	*	*	-3.496	-3.109	
14	*	*	*	*	*	*	*	*	*	*	-3.391	-2.638	
15	*	*	*	*	*	*	*	*	*	*	-3.343	-2.946	
16	*	*	*	*	*	*	*	*	*	*	-3.233	-3.079	
17	*	*	*	*	*	*	*	*	*	*	-3.204	-3.128	
18	*	*	*	*	*	*	*	*	*	*	-3.217	-3.106	
19	*	*	*	*	*	*	*	*	*	*	-3.017	-3.061	
20	*	*	*	*	*	*	*	*	*	*	-2.922	-2.954	
21	*	*	*	*	*	*	*	*	*	*	-2.990	-2.637	
22	*	*	*	*	*	*	*	*	*	*	-3.084	-2.908	
23	*	*	*	*	*	*	*	*	*	*	-4.175	-3.094	
24	*	*	*	*	*	*	*	*	*	*	-4.200	-3.133	
25	*	*	*	*	*	*	*	*	*	*	-4.142	-2.835	
26	*	*	*	*	*	*	*	*	*	*	-4.009	-2.869	
27	*	*	*	*	*	*	*	*	*	*	-3.940	-2.933	
28	*	*	*	*	*	*	*	*	*	*	-3.972	-2.916	
29	*	--	*	*	*	*	*	*	*	*	-3.965	-2.688	
30	*	--	*	*	*	*	*	*	*	*	-3.923	-2.478	
31	*	--	*	--	*	--	*	*	--	-3.868	--	-2.627	
月平均	X	X	X	X	X	X	X	X	X	X	-4.022	-3.287	-2.778
本月最高	X	X	X	X	X	X	X	X	X	X	-4.200	-3.865	-3.176
本月最低	X	X	X	X	X	X	X	X	X	X	-3.868	-2.478	-2.190

表 3-19 JS07 公園監測井日均溫(淺部)數值

淺水溫	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	33.767	34.162	33.941	33.965	34.386	35.167	35.452	35.693	36.373	36.509	36.539	36.121
2	33.738	34.141	33.964	34.000	34.393	35.205	35.449	35.700	36.379	36.553	36.517	36.112
3	33.784	34.170	33.958	33.977	34.363	35.232	35.473	35.688	36.393	36.637	36.524	36.077
4	33.854	34.153	33.940	33.971	34.321	35.286	35.465	35.694	36.413	36.680	36.517	36.073
5	33.940	34.121	33.973	33.916	34.356	35.355	35.425	35.749	36.440	36.704	36.505	36.066
6	34.047	34.088	33.977	33.947	34.396	35.368	35.424	35.760	36.422	36.723	36.582	36.001
7	34.156	34.075	33.984	33.980	34.468	35.328	35.418	35.766	36.421	36.745	36.442	35.862
8	34.191	34.008	33.952	34.005	34.494	35.324	35.438	35.862	36.401	36.751	36.493	35.836
9	34.238	34.046	33.858	34.062	34.562	35.339	35.425	35.936	36.409	36.755	36.445	35.814
10	34.292	34.054	33.829	34.096	34.586	35.316	35.419	35.984	36.420	36.669	36.420	35.838
11	34.308	33.998	33.818	34.126	34.605	35.361	35.439	36.041	36.435	36.677	36.431	35.848
12	34.308	34.070	33.825	34.097	34.669	35.339	35.400	36.117	36.465	36.665	36.432	35.873
13	34.340	34.055	33.854	34.066	34.744	35.348	35.399	36.183	36.463	36.682	36.421	35.895
14	34.386	34.085	33.891	34.061	34.803	35.344	35.424	36.213	36.415	36.681	36.421	35.853
15	34.438	34.083	33.868	34.090	34.862	35.333	35.425	36.234	36.421	36.663	36.394	35.876
16	34.425	34.039	33.837	34.058	34.957	35.367	35.429	36.233	36.435	36.676	36.341	35.902
17	34.437	34.064	33.879	34.076	34.970	35.422	35.521	36.226	36.432	36.668	36.343	35.923
18	34.433	34.099	33.911	34.110	34.934	35.454	35.521	36.240	36.435	36.638	36.340	35.951
19	34.385	34.099	33.937	34.109	34.997	35.481	35.518	36.234	36.431	36.595	36.356	35.967
20	34.356	34.129	33.947	34.121	35.048	35.499	35.508	36.236	36.427	36.591	36.324	35.935
21	34.369	34.129	34.011	34.188	35.109	35.502	35.513	36.264	36.369	36.597	36.320	35.907
22	34.286	34.129	34.003	34.198	35.139	35.437	35.536	36.318	36.348	36.610	36.289	35.858
23	34.284	34.051	33.918	34.273	35.167	35.437	35.535	36.311	36.338	36.613	36.279	35.880
24	34.234	34.041	33.938	34.341	35.224	35.451	35.576	36.289	36.364	36.633	36.256	35.874
25	34.247	34.037	33.919	34.372	35.190	35.443	35.564	36.313	36.374	36.601	36.247	35.903
26	34.159	34.043	33.922	34.385	35.204	35.459	35.594	36.315	36.368	36.571	36.249	35.883
27	34.143	34.004	33.976	34.351	35.220	35.466	35.598	36.323	36.367	36.543	36.261	35.820
28	34.150	33.957	34.024	34.361	35.244	35.458	35.615	36.354	36.405	36.586	36.215	35.811
29	34.141	--	34.015	34.376	35.236	35.417	35.648	36.391	36.361	36.574	36.208	35.794
30	34.159	--	33.984	34.386	35.230	35.422	35.653	36.380	36.433	36.557	36.118	35.806
31	34.153	--	33.992	--	35.213	--	35.687	36.360	--	36.577	--	35.736
月平均	34.198	34.076	33.931	34.135	34.842	35.379	35.500	36.110	36.405	36.636	36.374	35.906
本月最高	34.438	34.170	34.024	34.386	35.244	35.502	35.687	36.391	36.465	36.755	36.582	36.121
本月最低	33.738	33.957	33.818	33.916	34.321	35.167	35.399	35.688	36.338	36.509	36.118	35.736

表 3-20 JS07 公園監測井日均溫(深部)數值

深水温	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	46.674	46.679	46.686	46.690	46.689	46.690	46.688	46.689	46.674	46.674	46.668	46.669
2	46.684	46.682	46.684	46.682	46.690	46.689	46.689	46.690	46.673	46.678	46.679	46.669
3	46.680	46.685	46.684	46.690	46.688	46.688	46.690	46.686	46.684	46.680	46.661	46.659
4	46.673	46.688	46.690	46.689	46.685	46.689	46.690	46.688	46.674	46.674	46.665	46.675
5	46.683	46.683	46.684	46.690	46.690	46.687	46.689	46.688	46.674	46.678	46.678	46.673
6	46.683	46.683	46.686	46.688	46.690	46.690	46.690	46.688	46.678	46.671	46.680	46.663
7	46.680	46.688	46.690	46.688	46.690	46.684	46.689	46.689	46.678	46.674	46.644	46.669
8	46.684	46.685	46.689	46.689	46.690	46.684	46.690	46.683	46.676	46.676	46.656	46.678
9	46.679	46.683	46.690	46.688	46.690	46.684	46.689	46.680	46.681	46.670	46.663	46.656
10	46.674	46.684	46.688	46.690	46.690	46.680	46.690	46.678	46.678	46.671	46.649	46.655
11	46.683	46.690	46.688	46.690	46.690	46.684	46.690	46.678	46.684	46.659	46.639	46.661
12	46.685	46.683	46.688	46.690	46.688	46.685	46.690	46.671	46.683	46.649	46.648	46.648
13	46.679	46.690	46.688	46.690	46.690	46.676	46.690	46.674	46.684	46.659	46.649	46.640
14	46.680	46.688	46.689	46.689	46.689	46.686	46.690	46.678	46.678	46.661	46.651	46.648
15	46.675	46.686	46.690	46.690	46.689	46.681	46.690	46.675	46.670	46.665	46.661	46.650
16	46.683	46.686	46.686	46.689	46.688	46.676	46.686	46.674	46.680	46.664	46.663	46.654
17	46.684	46.685	46.688	46.690	46.688	46.685	46.690	46.669	46.683	46.666	46.660	46.663
18	46.679	46.686	46.690	46.690	46.689	46.683	46.690	46.668	46.681	46.664	46.654	46.665
19	46.684	46.685	46.690	46.689	46.685	46.684	46.690	46.670	46.675	46.668	46.670	46.654
20	46.679	46.688	46.689	46.690	46.689	46.684	46.690	46.664	46.688	46.661	46.683	46.656
21	46.680	46.685	46.688	46.689	46.688	46.686	46.685	46.675	46.681	46.659	46.680	46.678
22	46.683	46.686	46.689	46.689	46.690	46.688	46.685	46.666	46.684	46.668	46.680	46.683
23	46.679	46.686	46.689	46.686	46.685	46.684	46.688	46.666	46.683	46.671	46.669	46.679
24	46.680	46.683	46.688	46.690	46.689	46.685	46.690	46.676	46.679	46.671	46.665	46.675
25	46.683	46.680	46.688	46.690	46.689	46.690	46.690	46.661	46.683	46.671	46.660	46.666
26	46.683	46.688	46.689	46.690	46.690	46.689	46.690	46.665	46.681	46.676	46.669	46.666
27	46.678	46.684	46.690	46.688	46.686	46.689	46.690	46.666	46.684	46.671	46.673	46.656
28	46.671	46.689	46.689	46.686	46.686	46.689	46.686	46.671	46.684	46.670	46.675	*
29	46.676	--	46.690	46.686	46.688	46.690	46.689	46.674	46.673	46.670	46.670	*
30	46.679	--	46.690	46.689	46.690	46.689	46.689	46.678	46.675	46.671	46.663	*
31	46.679	--	46.690	--	46.689	--	46.689	46.679	--	46.670	--	*
月平均	46.680	46.685	46.688	46.689	46.688	46.685	46.689	46.676	46.679	46.669	46.664	46.663
本月最高	46.685	46.690	46.690	46.690	46.690	46.690	46.690	46.690	46.688	46.680	46.683	46.683
本月最低	46.671	46.679	46.684	46.682	46.685	46.676	46.685	46.661	46.670	46.649	46.639	46.640

表 3-21 JS07 公園監測井日均水位數值

水位	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	3.109	2.803	3.388	2.995	2.630	1.851	1.954	1.873	1.648	1.398	2.195	3.186
2	2.514	2.705	3.354	2.802	2.572	1.710	1.960	1.970	1.551	1.318	2.343	3.251
3	2.236	2.481	3.159	2.694	2.532	1.544	1.884	2.304	1.484	1.304	2.315	3.126
4	1.931	2.467	2.945	2.890	2.635	1.575	1.950	2.410	1.424	1.394	2.214	3.097
5	2.014	2.608	2.776	3.067	2.471	1.505	2.070	2.262	1.430	1.517	2.176	3.069
6	2.141	2.873	2.762	3.129	2.406	1.546	2.149	2.183	1.596	1.646	1.965	3.135
7	1.965	2.902	2.805	2.874	2.173	1.843	2.138	2.159	1.631	1.699	2.349	3.430
8	1.922	3.190	2.892	2.568	2.102	2.002	2.021	1.916	1.705	1.591	2.258	3.424
9	2.024	3.124	3.038	2.477	2.087	1.883	2.020	1.649	1.714	1.636	2.588	3.057
10	1.867	2.838	2.981	2.526	2.041	1.783	2.006	1.641	1.569	1.832	2.768	2.687
11	1.840	2.767	2.699	2.616	2.075	1.695	2.036	1.626	1.521	2.032	2.556	2.749
12	2.058	2.663	2.539	2.821	2.079	1.631	2.166	1.589	1.467	1.999	2.335	2.815
13	2.204	2.632	2.592	2.963	1.813	1.595	2.269	1.528	1.532	1.813	2.322	2.898
14	2.081	2.671	2.544	3.008	1.773	1.629	2.208	1.484	1.741	1.799	2.450	3.154
15	1.935	2.669	2.721	2.909	1.802	1.736	2.158	1.561	1.896	1.811	2.677	3.162
16	2.073	2.910	2.949	2.794	1.778	1.766	2.012	1.657	1.885	1.867	2.852	2.931
17	2.179	3.017	2.924	2.727	1.803	1.574	1.927	1.799	1.807	1.882	2.882	2.766
18	2.211	2.701	2.546	2.617	1.886	1.560	1.990	1.886	1.784	1.944	2.723	2.754
19	2.304	2.562	2.499	2.579	1.847	1.553	2.032	1.746	1.835	2.221	2.588	2.766
20	2.546	2.530	2.485	2.678	1.722	1.612	2.188	1.607	1.885	2.254	2.683	2.989
21	2.563	2.578	2.398	2.633	1.655	1.680	2.203	1.484	2.080	2.086	2.664	3.024
22	2.633	2.646	2.610	2.381	1.702	1.884	2.118	1.544	2.455	1.947	2.654	3.064
23	2.585	3.058	3.058	2.299	1.693	1.976	2.111	1.588	2.454	1.962	2.771	3.038
24	2.602	3.314	3.193	2.302	1.692	1.929	2.016	1.658	2.168	2.003	2.818	2.827
25	2.500	2.912	2.853	2.319	1.949	1.880	2.035	1.661	2.045	2.095	2.690	2.776
26	2.818	2.624	2.825	2.394	2.023	1.841	2.015	1.580	2.025	2.279	2.626	2.855
27	3.035	2.746	2.665	2.729	1.825	1.827	2.049	1.526	2.062	2.329	2.703	3.236
28	2.858	3.166	2.617	2.629	1.750	1.894	2.146	1.464	2.128	2.177	2.738	3.513
29	2.666	--	2.647	2.482	1.832	1.992	2.004	1.440	2.140	2.036	2.968	3.444
30	2.573	--	2.911	2.419	1.900	2.061	2.004	1.445	1.707	2.127	3.196	3.169
31	2.640	--	3.051	--	1.911	--	1.935	1.589	--	2.184	--	3.232
月平均	2.343	2.791	2.820	2.677	2.005	1.752	2.057	1.736	1.812	1.877	2.569	3.052
本月最高	3.109	3.314	3.388	3.129	2.635	2.061	2.269	2.410	2.455	2.329	3.196	3.513
本月最低	1.840	2.467	2.398	2.299	1.655	1.505	1.884	1.440	1.424	1.304	1.965	2.687

表 3-22 JS08 停車場監測井日均溫(淺部)數值

淺水溫	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	40.850	40.293	40.154	39.866	39.920	40.058	40.256	40.436	40.582	40.439	40.413	40.301
2	40.815	40.327	40.218	39.894	39.932	40.099	40.249	40.435	40.602	40.481	40.430	40.302
3	40.701	40.350	40.183	39.858	39.925	40.134	40.246	40.409	40.574	40.479	40.461	40.246
4	40.635	40.295	40.119	39.830	39.965	40.109	40.244	40.415	40.522	40.495	40.452	40.236
5	40.554	40.309	40.117	39.810	39.981	40.114	40.204	40.434	40.513	40.481	40.420	40.220
6	40.541	40.337	40.114	39.834	39.948	40.100	40.223	40.429	40.535	40.516	40.439	40.168
7	40.553	40.340	40.083	39.881	39.923	40.080	40.249	40.433	40.561	40.504	40.390	40.103
8	40.504	40.314	40.071	39.888	39.915	40.103	40.258	40.431	40.550	40.497	40.373	40.195
9	40.511	40.346	40.013	39.874	39.902	40.122	40.263	40.383	40.546	40.470	40.411	40.161
10	40.546	40.347	40.044	39.860	39.898	40.152	40.304	40.350	40.560	40.453	40.412	40.053
11	40.519	40.291	40.031	39.869	39.908	40.164	40.267	40.365	40.574	40.471	40.473	40.014
12	40.470	40.303	39.993	39.840	39.908	40.118	40.273	40.394	40.592	40.471	40.389	40.019
13	40.485	40.258	39.956	39.859	39.952	40.129	40.288	40.405	40.613	40.474	40.409	39.990
14	40.524	40.289	39.954	39.878	39.919	40.141	40.319	40.390	40.600	40.460	40.390	40.008
15	40.509	40.269	39.902	39.889	40.022	40.101	40.317	40.414	40.669	40.435	40.381	40.029
16	40.460	40.214	39.938	39.875	39.984	40.164	40.335	40.418	40.613	40.440	40.377	40.028
17	40.497	40.293	39.967	39.863	39.999	40.154	40.366	40.420	40.636	40.456	40.434	39.993
18	40.441	40.278	39.940	39.832	39.964	40.140	40.350	40.451	40.610	40.444	40.413	39.951
19	40.436	40.235	39.921	39.778	40.064	40.179	40.343	40.455	40.580	40.402	40.386	39.930
20	40.436	40.246	39.913	39.727	40.071	40.201	40.330	40.449	40.563	40.463	40.357	39.928
21	40.488	40.229	39.906	39.765	40.031	40.177	40.339	40.463	40.538	40.466	40.360	39.937
22	40.401	40.237	39.879	39.777	40.030	40.172	40.365	40.481	40.566	40.432	40.316	39.960
23	40.430	40.161	39.842	39.785	40.050	40.165	40.368	40.498	40.563	40.416	40.314	39.993
24	40.409	40.231	39.915	39.774	40.019	40.210	40.420	40.463	40.523	40.444	40.359	39.949
25	40.418	40.283	39.889	39.833	39.991	40.206	40.383	40.516	40.521	40.426	40.350	39.907
26	40.415	40.199	39.896	39.819	40.042	40.221	40.374	40.505	40.504	40.406	40.323	39.859
27	40.381	40.091	39.898	39.787	40.052	40.229	40.382	40.518	40.515	40.457	40.324	39.845
28	40.439	40.144	39.884	39.866	40.058	40.206	40.416	40.545	40.464	40.472	40.295	39.956
29	40.368	--	39.837	39.896	40.030	40.176	40.414	40.549	40.502	40.457	40.294	39.954
30	40.357	--	39.822	39.899	40.086	40.245	40.400	40.563	40.479	40.445	40.274	39.933
31	40.302	--	39.862	--	40.034	--	40.427	40.536	--	40.477	--	39.839
月平均	40.497	40.268	39.976	39.840	39.985	40.152	40.322	40.450	40.559	40.459	40.381	40.032
本月最高	40.850	40.350	40.218	39.899	40.086	40.245	40.427	40.563	40.669	40.516	40.473	40.302
本月最低	40.302	40.091	39.822	39.727	39.898	40.058	40.204	40.350	40.464	40.402	40.274	39.839

表 3-23 JS08 停車場監測井日均溫(深部)數值

深水溫	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	43.598	43.567	43.573	43.560	43.560	43.558	43.560	43.559	43.555	43.514	43.536	43.540
2	43.560	43.563	43.573	43.559	43.560	43.559	43.560	43.558	43.551	43.544	43.534	43.538
3	43.560	43.560	43.564	43.560	43.560	43.554	43.560	43.560	43.542	43.549	43.533	43.546
4	43.560	43.561	43.560	43.560	43.553	43.560	43.560	43.560	43.528	43.545	43.550	43.531
5	43.563	43.561	43.560	43.561	43.560	43.556	43.560	43.560	43.535	43.530	43.550	43.540
6	43.564	43.567	43.560	43.561	43.560	43.559	43.553	43.560	43.523	43.538	43.546	43.545
7	43.560	43.573	43.560	43.560	43.560	43.559	43.555	43.559	43.524	43.520	43.543	43.540
8	43.560	43.575	43.560	43.560	43.560	43.560	43.551	43.560	43.535	43.538	43.526	43.533
9	43.561	43.566	43.564	43.560	43.560	43.559	43.545	43.560	43.535	43.525	43.544	43.534
10	43.561	43.560	43.560	43.560	43.560	43.558	43.539	43.560	43.526	43.540	43.541	43.549
11	43.560	43.560	43.560	43.560	43.560	43.558	43.535	43.560	43.538	43.551	43.538	43.550
12	43.564	43.560	43.560	43.560	43.560	43.559	43.540	43.560	43.519	43.548	43.528	43.546
13	43.570	43.560	43.560	43.560	43.560	43.558	43.538	43.559	43.514	43.538	43.519	43.540
14	43.560	43.561	43.560	43.560	43.560	43.560	43.545	43.560	43.530	43.546	43.534	43.530
15	43.560	43.560	43.561	43.560	43.560	43.560	43.541	43.560	43.551	43.551	43.528	43.544
16	43.560	43.561	43.563	43.560	43.560	43.560	43.533	43.560	43.538	43.551	43.539	43.541
17	43.560	43.566	43.563	43.560	43.560	43.559	43.549	43.560	43.559	43.538	43.541	43.534
18	43.566	43.560	43.560	43.560	43.560	43.549	43.560	43.560	43.560	43.543	43.534	43.530
19	43.561	43.561	43.560	43.560	43.572	43.553	43.560	43.560	43.559	43.541	43.529	43.519
20	43.579	43.560	43.560	43.560	43.560	43.539	43.560	43.560	43.560	43.531	43.525	43.533
21	43.566	43.560	43.560	43.560	43.560	43.545	43.551	43.560	43.560	43.524	43.523	43.529
22	43.563	43.560	43.560	43.560	43.560	43.558	43.544	43.560	43.560	43.534	43.528	43.540
23	43.566	43.560	43.560	43.560	43.560	43.545	43.538	43.560	43.560	43.534	43.534	43.540
24	43.563	43.570	43.560	43.560	43.560	43.548	43.526	43.559	43.560	43.529	43.536	*
25	43.561	43.560	43.560	43.560	43.560	43.554	43.549	43.560	43.560	43.529	43.531	*
26	43.572	43.560	43.560	43.560	43.560	43.544	43.519	43.555	43.560	43.538	43.520	*
27	43.583	43.560	43.560	43.560	43.555	43.548	43.530	43.551	43.560	43.543	43.525	*
28	43.576	43.563	43.560	43.560	43.551	43.560	43.535	43.551	43.560	43.545	43.529	*
29	43.567	--	43.560	43.560	43.560	43.556	43.541	43.548	43.560	43.534	43.539	*
30	43.564	--	43.560	43.560	43.559	43.556	43.559	43.526	43.560	43.539	43.539	*
31	43.560	--	43.560	--	43.560	--	43.558	43.554	--	43.546	--	*
月平均	43.566	43.563	43.561	43.560	43.560	43.555	43.547	43.557	43.546	43.538	43.534	43.538
本月最高	43.598	43.575	43.573	43.561	43.572	43.560	43.560	43.560	43.560	43.551	43.550	43.550
本月最低	43.560	43.560	43.560	43.559	43.551	43.539	43.519	43.526	43.514	43.514	43.519	43.519

表 3-24 JS08 停車場監測井日均水位數值

水位	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	1.695	1.240	2.348	1.426	1.588	1.100	0.564	1.189	0.862	0.697	0.801	2.365
2	1.234	1.374	2.247	1.167	1.445	1.015	0.557	1.038	0.802	0.550	0.862	1.943
3	1.038	1.419	1.969	1.070	1.351	0.855	0.562	1.023	0.749	0.646	0.831	1.910
4	0.931	1.725	1.642	1.149	1.529	0.880	0.625	1.093	0.757	0.718	0.649	1.991
5	0.869	1.995	1.428	1.361	1.604	0.799	0.845	1.110	0.904	0.816	0.620	1.925
6	0.747	2.187	1.345	1.384	1.877	0.846	0.989	1.058	0.863	0.804	0.226	2.100
7	0.753	2.332	1.286	1.242	1.616	1.253	1.010	1.040	0.904	0.792	0.233	2.455
8	0.710	2.524	1.422	1.036	1.739	1.316	0.967	0.879	0.891	0.586	0.668	2.419
9	0.705	2.423	1.698	0.949	1.853	1.367	0.717	0.744	0.872	0.650	0.842	2.213
10	0.711	2.184	1.548	1.037	1.716	1.346	0.540	0.795	0.922	0.864	1.033	1.970
11	0.784	2.098	1.074	1.107	1.615	1.215	0.771	0.673	0.801	1.039	0.881	2.000
12	0.880	2.104	0.955	1.223	1.522	1.087	1.033	0.599	0.891	0.974	0.925	2.040
13	1.008	2.111	1.012	1.194	1.275	1.066	1.079	0.590	0.919	0.760	0.918	2.150
14	0.965	2.116	1.010	1.181	0.944	1.013	1.086	0.592	1.010	0.773	1.055	2.319
15	0.918	2.141	1.150	1.118	0.464	1.204	1.020	0.631	0.812	0.772	1.254	2.249
16	0.963	2.297	1.257	1.223	0.466	1.159	1.223	0.612	0.816	0.828	1.504	2.101
17	0.973	2.277	1.250	1.188	0.463	1.037	1.206	0.762	0.677	0.762	1.495	2.002
18	1.106	2.116	1.211	1.215	0.441	0.978	1.250	0.778	0.732	0.764	1.355	1.935
19	1.379	1.968	1.129	1.237	0.672	0.902	1.219	0.689	0.831	0.971	1.327	1.607
20	1.653	1.934	1.220	1.379	0.677	0.950	1.365	0.619	0.968	1.044	1.437	1.946
21	1.788	2.003	1.144	1.359	0.798	0.838	1.517	0.550	1.135	0.857	1.398	2.138
22	2.065	2.012	1.146	1.284	0.849	0.974	1.559	0.586	1.104	0.676	1.538	1.944
23	2.248	2.227	1.327	1.275	0.769	0.892	1.592	0.639	0.994	0.752	1.741	1.467
24	2.273	2.490	1.381	1.355	0.760	0.724	1.423	0.857	0.916	0.655	1.766	1.365
25	2.307	2.176	1.297	1.288	1.080	0.610	1.435	0.774	0.940	0.735	1.744	1.461
26	1.077	1.847	1.201	1.339	1.003	0.465	1.492	0.745	0.951	0.900	1.708	1.468
27	1.199	2.129	1.160	1.587	0.950	0.436	1.517	0.709	0.974	0.932	1.745	2.138
28	1.115	2.243	1.202	1.480	0.867	0.408	1.434	0.688	1.089	0.739	1.902	2.439
29	0.920	--	1.362	1.426	0.886	0.780	1.287	0.733	0.782	0.647	2.096	2.478
30	0.995	--	1.412	1.411	0.912	0.636	1.220	0.748	0.576	0.811	2.302	2.185
31	1.168	--	1.389	--	1.130	--	1.103	0.863	--	0.742	--	2.245
月平均	1.199	2.060	1.362	1.256	1.124	0.938	1.103	0.787	0.881	0.782	1.229	2.031
本月最高	2.307	2.524	2.348	1.587	1.877	1.367	1.592	1.189	1.135	1.044	2.302	2.478
本月最低	0.705	1.240	0.955	0.949	0.441	0.408	0.540	0.550	0.576	0.550	0.226	1.365

表 3-25 JS09 德陽路監測井日均溫(淺部)數值

淺水溫	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	30.462	30.247	31.592	31.978	32.586	30.913	31.356	32.187	31.953	32.074	32.434	32.764
2	30.348	30.317	31.509	31.976	32.528	30.782	31.431	32.284	31.979	31.721	32.413	32.790
3	30.234	30.375	31.517	31.979	32.373	30.707	31.482	32.328	31.978	31.561	32.423	32.795
4	30.076	30.433	31.559	32.003	32.113	30.718	31.547	32.393	31.979	31.279	32.454	32.806
5	29.903	30.514	31.644	32.016	32.003	30.714	31.582	32.413	32.033	31.165	32.526	32.838
6	29.782	30.573	31.657	32.041	31.893	30.764	31.589	32.446	32.117	31.135	32.550	32.852
7	29.736	30.638	31.683	32.027	31.821	30.780	31.673	32.410	32.113	31.156	32.557	32.737
8	29.715	30.697	31.682	32.090	31.626	30.839	31.744	32.391	32.105	31.165	32.642	32.619
9	29.699	30.750	31.589	32.138	31.488	30.872	31.802	32.385	32.101	31.259	32.638	32.541
10	29.718	30.857	31.515	32.119	31.368	30.918	31.858	31.971	32.133	31.333	32.668	32.507
11	29.688	30.949	31.394	32.207	31.254	31.029	31.925	31.796	32.150	31.408	32.679	32.505
12	29.652	31.038	31.274	32.271	31.178	30.942	31.974	31.743	32.129	31.462	32.681	32.512
13	29.646	31.073	31.265	32.241	31.051	30.835	31.996	31.747	32.134	31.504	32.707	32.521
14	29.617	31.158	31.239	32.237	30.918	30.781	32.063	31.793	32.140	31.596	32.717	32.525
15	29.654	31.181	31.236	32.286	30.855	30.719	32.149	31.844	32.139	31.698	32.725	32.569
16	29.676	31.212	31.192	32.327	30.818	30.686	32.181	31.906	32.116	31.746	32.728	32.587
17	29.694	31.241	31.223	32.321	30.833	30.682	32.212	31.931	32.142	31.790	32.736	32.636
18	29.730	31.314	31.279	32.379	30.806	30.731	32.277	31.985	32.200	31.826	32.743	32.685
19	29.733	31.413	31.280	32.386	30.707	30.787	32.319	31.917	32.240	31.860	32.779	32.726
20	29.759	31.455	31.357	32.390	30.662	30.865	32.368	31.800	32.299	31.902	32.781	32.735
21	29.790	31.507	31.412	32.417	30.651	30.923	32.378	31.752	32.354	31.967	32.790	32.769
22	29.799	31.520	31.445	32.483	30.649	30.979	32.428	31.714	32.386	32.001	32.765	32.769
23	29.830	31.576	31.475	32.531	30.655	31.032	32.465	31.745	32.421	32.048	32.743	32.786
24	29.853	31.553	31.506	32.546	30.650	31.120	32.480	31.754	32.478	32.092	32.721	32.837
25	29.884	31.605	31.571	32.588	30.703	31.175	32.478	31.752	32.532	32.142	32.710	32.862
26	29.897	31.685	31.668	32.600	30.712	31.216	32.388	31.684	32.594	32.161	32.727	32.890
27	29.926	31.688	31.757	32.590	30.790	31.278	32.226	31.698	32.629	32.215	32.744	32.894
28	29.982	31.624	31.807	32.617	30.841	31.265	32.187	31.724	32.679	32.280	32.726	32.901
29	30.065	--	31.875	32.594	30.894	31.287	32.154	31.792	32.761	32.313	32.745	32.934
30	30.118	--	31.900	32.640	30.948	31.313	32.138	31.839	32.439	32.401	32.747	32.964
31	30.199	--	31.923	--	31.023	--	32.160	31.891	--	32.445	--	32.981
月平均	29.867	31.078	31.517	32.301	31.206	30.922	32.032	31.968	32.248	31.765	32.667	32.737
本月最高	30.462	31.688	31.923	32.640	32.586	31.313	32.480	32.446	32.761	32.445	32.790	32.981
本月最低	29.617	30.247	31.192	31.976	30.649	30.682	31.356	31.684	31.953	31.135	32.413	32.505

表 3-26 JS09 德陽路監測井日均溫(深部)數值

深水溫	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	58.380	58.380	58.380	58.380	58.380	58.430	58.380	58.351	58.380	58.380	58.380	58.397
2	58.380	58.380	58.380	58.307	58.380	58.430	58.380	58.371	58.380	58.380	58.380	58.396
3	58.380	58.373	58.380	58.250	58.380	58.408	58.380	58.380	58.380	58.380	58.380	58.394
4	58.373	58.380	58.380	58.250	58.367	58.380	58.380	58.380	58.380	58.380	58.380	58.393
5	58.380	58.380	58.380	58.250	58.379	58.380	58.380	58.380	58.380	58.380	58.380	58.393
6	58.380	58.380	58.380	58.250	58.430	58.380	58.380	58.380	58.380	58.380	58.380	58.394
7	58.380	58.380	58.380	58.250	58.430	58.380	58.380	58.380	58.380	58.380	58.380	58.393
8	58.380	58.380	58.380	58.250	58.430	58.380	58.380	58.380	58.380	58.370	58.382	58.393
9	58.380	58.380	58.380	58.250	58.430	58.380	58.380	58.380	58.380	58.380	58.383	58.392
10	58.380	58.380	58.380	58.250	58.430	58.380	58.380	58.380	58.380	58.380	58.384	58.392
11	58.380	58.380	58.380	58.316	58.430	58.380	58.380	58.380	58.380	58.380	58.386	58.391
12	58.380	58.380	58.380	58.380	58.430	58.380	58.380	58.380	58.380	58.380	58.390	58.391
13	58.380	58.380	58.380	58.380	58.430	58.380	58.380	58.380	58.380	58.380	58.390	58.391
14	58.380	58.380	58.380	58.380	58.430	58.380	58.380	58.380	58.380	58.380	58.392	58.390
15	58.380	58.380	58.380	58.380	58.430	58.380	58.377	58.380	58.380	58.380	58.393	58.390
16	58.380	58.380	58.380	58.380	58.430	58.379	58.380	58.380	58.380	58.380	58.393	58.390
17	58.380	58.380	58.380	58.380	58.430	58.380	58.377	58.380	58.380	58.380	58.393	58.389
18	58.380	58.380	58.380	58.380	58.430	58.380	58.380	58.380	58.380	58.380	58.393	58.388
19	58.380	58.380	58.380	58.380	58.430	58.380	58.376	58.380	58.380	58.380	58.394	58.388
20	58.380	58.380	58.380	58.380	58.430	58.380	58.377	58.380	58.380	58.380	58.394	58.388
21	58.380	58.380	58.380	58.380	58.430	58.380	58.373	58.380	58.380	58.380	58.393	58.387
22	58.380	58.380	58.380	58.380	58.430	58.380	58.365	58.380	58.380	58.380	58.392	58.387
23	58.380	58.380	58.380	58.380	58.430	58.380	58.376	58.380	58.380	58.380	58.396	58.386
24	58.380	58.380	58.380	58.380	58.430	58.380	58.376	58.380	58.380	58.380	58.398	58.387
25	58.380	58.380	58.380	58.380	58.430	58.380	58.364	58.380	58.380	58.380	58.398	58.388
26	58.380	58.380	58.380	58.380	58.430	58.380	58.363	58.380	58.380	58.380	58.397	58.388
27	58.380	58.380	58.380	58.380	58.430	58.380	58.346	58.380	58.383	58.381	58.398	58.391
28	58.380	58.380	58.380	58.380	58.430	58.380	58.351	58.380	58.383	58.381	58.398	58.391
29	58.380	--	58.380	58.380	58.430	58.380	58.368	58.380	58.380	58.380	58.398	58.392
30	58.380	--	58.380	58.380	58.430	58.380	58.363	58.380	58.380	58.380	58.397	58.392
31	58.380	--	58.380	--	58.430	--	58.358	58.380	--	58.380	--	58.393
月平均	58.380	58.380	58.380	58.341	58.421	58.384	58.374	58.379	58.380	58.380	58.390	58.391
本月最高	58.380	58.380	58.380	58.380	58.430	58.430	58.380	58.380	58.383	58.381	58.398	58.397
本月最低	58.373	58.373	58.380	58.250	58.367	58.379	58.346	58.351	58.380	58.370	58.380	58.386

表 3-27 JS09 德陽路監測井日均水位數值

水位	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	10.541	10.804	12.002	11.736	11.353	9.017	10.212	9.788	9.512	7.758	10.533	11.101
2	10.104	10.876	12.095	11.318	11.301	8.811	10.210	9.877	9.580	7.517	10.488	11.086
3	9.673	10.743	12.087	11.019	10.964	8.800	10.242	10.113	9.612	6.929	10.550	11.133
4	9.121	10.655	12.075	11.059	10.736	8.838	10.193	10.200	9.661	7.101	10.604	11.207
5	9.161	10.689	11.991	11.071	10.686	8.970	10.191	10.174	9.724	7.563	10.621	11.226
6	9.283	10.860	11.976	11.108	10.806	9.105	10.287	10.043	9.812	8.118	10.498	11.034
7	9.375	11.010	11.957	11.164	10.557	9.317	10.349	9.959	9.825	8.452	10.397	10.766
8	9.470	11.169	11.888	11.104	10.324	9.413	10.417	9.965	9.739	8.677	10.511	10.576
9	9.545	11.265	11.733	11.078	10.198	9.509	10.440	9.472	9.763	8.762	10.636	10.379
10	9.391	11.180	11.388	11.133	10.138	9.580	10.431	8.976	9.710	8.945	10.670	10.324
11	9.360	11.234	11.155	11.174	10.020	9.540	10.456	8.980	9.536	9.114	10.668	10.385
12	9.486	11.158	11.136	11.265	9.959	9.182	10.445	9.068	9.542	9.216	10.701	10.530
13	9.564	11.289	11.153	11.343	9.491	8.942	10.495	9.211	9.509	9.286	10.723	10.637
14	9.706	11.316	11.193	11.404	9.483	8.845	10.566	9.350	9.533	9.402	10.794	10.821
15	9.712	11.385	11.286	11.423	9.525	8.879	10.536	9.456	9.601	9.552	10.856	10.890
16	9.803	11.489	11.413	11.346	9.626	8.926	10.536	9.547	9.756	9.613	10.928	10.848
17	9.896	11.599	11.452	11.266	9.604	8.993	10.549	9.661	9.947	9.779	10.944	10.892
18	9.943	11.505	11.361	11.219	9.410	9.127	10.514	9.700	9.908	9.850	10.986	10.949
19	10.064	11.479	11.275	11.292	9.051	9.214	10.511	9.225	9.955	9.972	11.010	11.004
20	10.157	11.543	11.281	11.419	9.030	9.378	10.470	8.942	9.977	9.996	11.006	11.136
21	10.219	11.616	11.357	11.419	9.095	9.444	10.497	8.852	10.005	9.966	10.890	11.072
22	10.302	11.708	11.471	11.271	9.151	9.593	10.458	8.963	10.160	10.027	10.814	11.007
23	10.309	11.806	11.637	11.237	9.215	9.692	10.324	9.059	10.321	10.144	10.747	11.034
24	10.356	11.985	11.761	11.214	9.415	9.744	10.173	9.098	10.196	10.290	10.810	11.050
25	10.385	11.851	11.716	11.256	9.522	9.835	10.004	9.039	10.027	10.403	10.895	11.023
26	10.508	11.686	11.680	11.368	9.648	9.840	9.648	9.115	9.929	10.497	10.924	11.063
27	10.622	11.663	11.618	11.434	9.627	9.865	9.588	9.153	9.916	10.547	10.920	11.279
28	10.624	11.841	11.540	11.351	9.659	9.958	9.553	9.221	9.930	10.474	11.053	11.431
29	10.581	--	11.570	11.335	9.680	10.055	9.535	9.250	9.778	10.542	11.106	11.443
30	10.606	--	11.664	11.287	9.683	10.113	9.613	9.339	8.886	10.634	11.208	11.347
31	10.633	--	11.767	--	9.597	--	9.698	9.435	--	10.629	--	11.406
月平均	9.952	11.336	11.602	11.270	9.889	9.351	10.230	9.427	9.778	9.347	10.783	10.970
本月最高	10.633	11.985	12.095	11.736	11.353	10.113	10.566	10.200	10.321	10.634	11.208	11.443
本月最低	9.121	10.655	11.136	11.019	9.030	8.800	9.535	8.852	8.886	6.929	10.397	10.324

表 3-28 JS10 五峰路監測井日均溫(淺部)數值

淺水溫	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	46.349	47.101	48.720	48.784	*	44.285	47.329	47.867	47.436	44.338	47.431	47.426
2	46.162	47.153	48.788	49.129	*	46.559	47.143	47.877	47.502	46.994	47.440	47.425
3	45.911	47.241	48.843	*	*	47.308	47.260	47.894	47.466	47.307	47.439	47.443
4	45.788	47.314	48.896	*	49.645	47.648	47.334	47.908	47.815	47.427	47.435	47.447
5	46.224	47.381	48.931	*	48.974	47.708	47.340	45.855	47.752	47.497	47.436	47.588
6	46.155	47.466	48.988	*	47.021	47.725	47.345	47.431	47.691	47.563	47.419	47.947
7	46.066	47.555	48.442	*	47.164	47.726	47.360	47.586	47.684	47.564	47.421	47.553
8	46.134	47.648	48.611	*	47.322	47.733	47.391	46.674	47.729	47.584	47.414	47.537
9	46.086	47.736	48.660	*	46.959	47.752	47.441	41.758	47.672	47.224	47.413	47.544
10	46.126	47.808	48.584	*	46.918	47.787	47.504	46.455	47.666	47.535	47.410	47.551
11	46.230	47.880	48.544	*	47.076	44.972	47.331	47.225	47.658	47.537	47.408	47.548
12	46.279	47.938	48.551	*	45.195	45.462	47.560	47.353	47.682	47.536	47.399	47.552
13	46.282	48.012	48.605	*	45.733	46.818	47.564	47.531	47.644	47.525	47.393	47.556
14	46.288	48.074	48.665	*	46.807	47.050	47.607	47.477	47.627	47.508	47.392	47.559
15	46.286	48.139	48.724	*	46.336	47.267	47.662	47.564	47.616	47.495	47.387	47.562
16	46.272	48.203	48.732	*	46.987	47.303	47.664	47.491	47.599	47.488	47.384	47.559
17	46.308	48.271	48.760	*	46.622	47.312	47.082	47.371	47.592	47.473	47.383	47.561
18	46.338	48.171	48.453	*	44.542	47.298	47.571	44.533	47.578	47.460	47.398	47.638
19	46.378	48.339	48.768	*	46.501	47.273	47.734	44.023	47.573	47.458	47.395	47.580
20	46.418	48.405	48.790	*	46.334	47.256	47.786	46.526	47.586	47.448	47.401	47.783
21	46.484	48.465	48.801	*	47.038	47.242	47.824	47.197	47.587	47.441	47.492	47.624
22	46.611	48.537	48.868	*	47.309	47.270	46.585	47.305	47.567	47.434	47.397	47.595
23	46.670	48.604	48.940	*	47.448	47.328	46.609	47.142	47.572	47.431	47.393	47.607
24	46.729	47.851	49.016	*	47.495	47.223	46.596	46.181	47.567	47.428	47.403	47.605
25	46.790	48.428	49.049	*	47.626	47.299	45.997	47.110	47.560	47.427	47.405	47.611
26	46.854	48.540	49.070	*	47.681	47.301	46.871	47.385	47.563	47.425	47.403	47.615
27	46.911	48.560	49.096	*	47.592	47.251	47.452	47.410	46.058	47.429	47.445	47.621
28	46.960	48.630	49.080	*	47.664	47.246	47.621	47.400	45.753	47.429	47.413	47.629
29	46.983	--	49.096	*	47.826	47.331	47.697	47.402	41.563	47.433	47.414	47.758
30	47.029	--	48.863	*	47.898	47.344	47.788	47.395	45.459	47.427	47.440	47.706
31	47.045	--	49.169	--	43.838	--	47.851	47.415	--	47.413	--	47.693
月平均	46.424	47.980	48.810	48.957	46.984	47.102	47.352	46.895	47.227	47.345	47.413	47.594
本月最高	47.045	48.630	49.169	49.129	49.645	47.787	47.851	47.908	47.815	47.584	47.492	47.947
本月最低	45.788	47.101	48.442	48.784	43.838	44.285	45.997	41.758	41.563	44.338	47.383	47.425

表 3-29 JS10 五峰路監測井日均溫(深部)數值

深水溫	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	47.954	47.930	47.914	47.940	47.939	47.605	47.688	47.751	47.753	46.857	47.779	*
2	47.946	47.911	47.911	47.939	47.950	47.895	47.694	47.748	47.754	47.478	47.749	47.940
3	47.943	47.890	47.921	47.940	47.940	47.935	47.701	47.734	47.751	47.569	47.752	47.940
4	47.940	47.893	47.919	47.940	47.933	47.948	47.699	47.724	47.668	47.619	47.750	47.939
5	47.929	47.888	47.914	47.940	47.961	47.929	47.705	47.712	47.706	47.646	47.747	47.940
6	47.929	47.885	47.923	47.940	48.275	47.925	47.696	47.735	47.735	47.660	47.711	47.941
7	47.929	47.894	47.933	47.940	48.169	47.920	47.697	47.735	47.729	47.686	47.699	47.944
8	47.930	47.890	47.939	47.940	48.078	47.915	47.682	47.718	47.679	47.687	47.708	47.940
9	47.917	47.888	47.940	47.940	48.228	47.907	47.659	47.671	47.732	47.619	47.714	47.940
10	47.930	47.890	47.938	47.940	48.228	47.899	47.672	47.730	47.737	47.695	47.714	47.940
11	47.930	47.891	47.938	47.940	48.186	47.788	47.689	47.737	47.740	47.705	47.721	47.940
12	47.930	47.896	47.938	47.940	47.944	47.807	47.692	47.736	47.729	47.711	47.720	47.941
13	47.930	47.898	47.940	47.939	48.004	47.840	47.632	47.736	47.742	47.715	47.728	47.940
14	47.930	47.895	47.940	47.940	48.260	47.847	47.655	47.735	47.741	47.717	47.730	47.939
15	47.930	47.894	47.940	47.940	48.435	47.837	47.680	47.739	47.737	47.722	47.728	47.939
16	47.930	47.895	47.940	47.940	48.271	47.809	47.678	47.734	47.743	47.723	47.732	47.940
17	47.930	47.894	47.938	47.941	48.456	47.795	47.684	47.737	47.743	47.729	47.735	47.941
18	47.930	47.899	47.934	47.941	47.876	47.773	47.671	47.680	47.744	47.729	47.728	47.943
19	47.930	47.905	47.943	47.940	48.198	47.749	47.683	47.683	47.740	47.732	47.734	47.945
20	47.930	47.905	47.941	47.940	48.470	47.724	47.689	47.731	47.734	47.733	47.736	47.945
21	47.930	47.908	47.943	47.940	48.342	47.670	47.695	47.740	47.741	47.731	47.735	47.953
22	47.930	47.910	47.944	47.941	48.312	47.617	47.692	47.745	47.748	47.731	47.740	47.956
23	47.930	47.914	47.950	47.941	48.251	47.588	47.619	47.734	47.744	47.735	47.741	47.935
24	47.930	47.856	47.945	47.949	48.256	47.580	47.641	47.707	47.743	47.737	47.739	47.944
25	47.930	47.822	47.940	47.956	48.180	47.574	47.696	47.742	47.748	47.738	*	47.945
26	47.930	47.906	47.941	47.976	48.174	47.574	47.687	47.751	47.748	47.739	*	47.945
27	47.930	47.908	47.940	47.971	48.162	47.578	47.730	47.749	47.410	47.742	*	47.948
28	47.930	47.915	47.940	47.941	48.088	47.575	47.743	47.753	47.326	47.745	*	47.945
29	47.930	--	47.941	47.941	48.043	47.580	47.749	47.755	45.703	47.746	*	47.955
30	47.930	--	47.940	47.944	47.981	47.580	47.747	47.753	46.977	47.742	*	47.951
31	47.931	--	47.940	--	46.735	--	47.747	47.755	--	47.770	--	47.948
月平均	47.931	47.895	47.936	47.943	48.107	47.759	47.690	47.732	47.617	47.674	47.732	47.943
本月最高	47.954	47.930	47.950	47.976	48.470	47.948	47.749	47.755	47.754	47.770	47.779	47.956
本月最低	47.917	47.822	47.911	47.939	46.735	47.574	47.619	47.671	45.703	46.857	47.699	47.935

表 3-30 JS10 五峰路監測井日均水位數值

水位	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	18.847	19.754	20.701	20.871	18.789	17.239	19.470	19.543	18.037	12.754	19.784	20.425
2	18.192	19.981	20.837	20.874	18.360	16.640	19.599	19.638	18.153	13.283	19.541	20.321
3	17.691	20.032	20.872	20.789	17.771	16.639	19.602	19.796	18.298	14.342	19.618	20.320
4	16.662	20.145	20.900	20.753	17.223	16.966	19.537	19.852	18.350	15.368	19.669	20.349
5	15.606	20.201	20.936	20.723	17.673	17.227	19.534	19.839	18.365	16.087	19.717	20.353
6	15.754	20.309	20.917	20.655	18.988	17.485	19.580	19.586	18.264	16.535	19.728	20.157
7	16.115	20.431	20.870	20.632	18.898	17.703	19.664	19.319	18.222	16.830	19.710	19.572
8	16.355	20.483	20.614	20.596	18.432	17.867	19.807	19.279	18.186	17.066	19.756	18.937
9	16.452	20.560	20.005	20.584	18.187	18.045	19.924	18.584	18.166	17.090	19.812	18.725
10	16.430	20.616	19.375	20.540	18.103	18.225	19.981	17.216	18.121	17.273	19.871	18.771
11	16.302	20.531	18.935	20.474	17.915	18.281	20.047	16.913	18.202	17.353	19.970	18.923
12	16.414	20.580	19.004	20.389	17.727	17.889	19.948	17.243	18.327	17.511	20.195	19.104
13	16.681	20.586	19.006	20.335	17.381	17.288	19.863	17.548	18.485	17.712	20.346	19.339
14	16.909	20.589	19.070	20.276	17.003	16.924	20.016	17.755	18.681	17.893	20.455	19.621
15	17.119	20.673	19.158	20.175	17.067	16.888	20.106	17.960	18.887	18.078	20.559	19.814
16	17.206	20.753	19.186	20.073	17.255	17.002	20.350	18.090	19.022	18.226	20.635	19.936
17	17.309	20.756	19.323	19.827	17.405	17.216	20.493	18.219	19.201	18.397	20.681	20.074
18	17.531	20.862	19.284	19.658	17.203	17.432	20.570	18.151	19.384	18.568	20.697	20.205
19	17.791	20.831	19.330	19.885	16.562	17.624	20.537	17.675	19.501	18.743	20.713	20.350
20	17.949	20.818	19.443	19.940	16.282	17.786	20.582	16.966	19.504	18.914	20.685	20.410
21	18.023	20.821	19.785	19.857	16.487	17.972	20.719	16.682	19.435	19.175	20.609	20.421
22	18.098	20.888	20.102	19.570	16.672	18.234	20.885	16.926	19.279	19.431	20.420	20.189
23	18.336	20.965	20.309	19.445	16.940	18.486	20.831	17.201	19.186	19.585	20.164	20.141
24	18.397	20.950	20.488	19.495	17.198	18.632	20.679	17.324	19.257	19.723	20.100	20.175
25	18.550	20.715	20.522	19.495	17.409	18.702	20.302	17.309	19.372	19.842	20.171	20.238
26	18.709	20.415	20.532	19.444	17.594	18.743	19.950	17.246	19.464	19.924	20.359	20.318
27	18.855	20.327	20.508	19.351	17.766	18.874	19.604	17.320	19.150	20.006	20.449	20.429
28	19.025	20.553	20.522	19.188	17.928	19.098	19.413	17.470	18.189	20.049	20.504	20.498
29	19.185	--	20.583	18.915	18.011	19.240	19.360	17.632	14.909	20.070	20.522	20.490
30	19.299	--	20.636	18.914	18.091	19.307	19.442	17.794	13.876	20.099	20.480	20.545
31	19.448	--	20.798	--	17.968	--	19.507	17.902	--	20.030	--	20.530
月平均	17.588	20.540	20.082	20.057	17.622	17.855	19.997	18.064	18.449	17.934	20.197	19.990
本月最高	19.448	20.965	20.936	20.874	18.988	19.307	20.885	19.852	19.504	20.099	20.713	20.545
本月最低	15.606	19.754	18.935	18.914	16.282	16.639	19.360	16.682	13.876	12.754	19.541	18.725

表 3-31 JS11 皇泰監測井日均溫(淺部)數值

淺水溫	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	31.880	31.887	35.428	36.079	36.351	31.106	32.965	35.226	32.935	33.819	37.203	37.989
2	31.865	31.979	35.341	36.136	36.279	31.094	33.392	35.354	33.114	33.537	37.168	38.054
3	31.512	32.298	35.598	36.235	36.118	31.081	33.858	35.635	33.225	33.312	37.026	38.074
4	31.297	32.672	35.860	36.246	35.854	31.074	34.239	35.906	33.381	33.174	37.035	38.126
5	31.333	32.980	36.044	36.257	35.359	31.086	34.500	36.203	33.461	33.064	37.116	38.087
6	31.338	33.133	36.143	36.269	34.761	31.070	34.673	36.363	33.538	33.016	37.209	37.973
7	31.317	33.238	36.168	36.333	33.957	31.072	34.827	36.342	33.583	33.040	37.283	37.455
8	31.269	33.228	36.091	36.450	33.464	31.094	35.047	36.336	33.600	33.077	37.290	36.773
9	31.230	33.273	35.961	36.500	32.956	31.168	35.258	36.356	33.599	33.079	37.248	36.245
10	31.157	33.653	35.754	36.517	32.427	31.278	35.452	35.555	33.679	33.082	37.179	35.855
11	31.086	34.146	35.510	36.543	32.035	31.358	35.565	34.343	33.759	33.143	37.312	35.626
12	31.031	34.459	35.029	36.525	31.896	31.400	35.692	33.618	33.794	33.198	37.477	35.415
13	30.990	34.755	34.496	36.485	31.734	31.410	35.800	33.344	33.810	33.256	37.586	35.354
14	30.970	34.888	34.067	36.474	31.592	31.390	35.813	33.254	33.834	33.353	37.666	35.207
15	30.970	35.029	33.740	36.484	31.460	31.370	35.924	33.183	33.932	33.426	37.696	35.206
16	30.963	35.068	33.457	36.492	31.327	31.342	36.049	33.128	34.315	33.529	37.699	35.583
17	30.934	35.048	33.360	36.468	31.160	31.366	36.161	33.048	34.778	33.570	37.764	36.197
18	30.938	35.295	33.947	36.468	30.976	31.376	36.229	33.021	35.197	33.718	37.883	36.703
19	30.969	35.491	34.512	36.442	30.807	31.423	36.286	32.985	35.530	33.781	37.989	36.968
20	30.980	35.665	34.881	36.410	30.718	31.480	36.316	32.984	35.834	33.856	38.019	37.100
21	31.012	35.792	35.222	36.420	30.695	31.542	36.364	32.956	36.040	34.072	38.032	37.082
22	31.051	35.846	35.248	36.458	30.725	31.581	36.407	32.822	36.192	34.419	38.017	37.205
23	31.112	35.770	34.994	36.489	30.746	31.667	36.466	32.753	36.400	34.889	38.007	37.415
24	31.149	35.591	34.711	36.484	30.749	31.801	36.490	32.707	36.467	35.263	37.999	37.625
25	31.235	35.678	35.122	36.469	30.736	31.967	36.489	32.651	36.470	35.664	38.021	37.723
26	31.242	35.841	35.504	36.474	30.765	32.180	36.417	32.672	36.508	35.931	38.024	37.789
27	31.277	35.891	35.795	36.453	30.824	32.313	36.242	32.690	36.542	36.171	38.040	37.752
28	31.375	35.719	35.967	36.441	30.907	32.376	35.878	32.723	35.977	36.515	38.033	37.628
29	31.495	--	36.053	36.454	30.984	32.478	35.494	32.758	34.758	36.838	38.025	37.633
30	31.683	--	36.045	36.416	31.074	32.673	35.145	32.820	34.132	37.018	37.979	37.773
31	31.895	--	36.013	--	31.152	--	35.081	32.890	--	37.129	--	37.865
月平均	31.244	34.440	35.228	36.412	32.277	31.521	35.501	33.956	34.613	34.224	37.634	37.015
本月最高	31.895	35.891	36.168	36.543	36.351	32.673	36.490	36.363	36.542	37.129	38.040	38.126
本月最低	30.934	31.887	33.360	36.079	30.695	31.070	32.965	32.651	32.935	33.016	37.026	35.206

表 3-32 JS11 皇泰監測井日均溫(深部)數值

深水温	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	56.063	56.055	56.083	56.094	56.092	56.098	56.094	56.114	56.097	56.129	56.126	56.130
2	56.063	56.057	56.082	56.096	56.096	56.098	56.096	56.112	56.088	56.131	56.125	56.128
3	56.066	56.058	56.079	56.097	56.097	56.096	56.102	56.115	56.102	56.132	56.124	56.125
4	56.065	56.061	56.081	56.093	56.100	56.096	56.104	56.117	56.105	56.129	56.124	56.127
5	56.066	56.064	56.086	56.094	56.103	56.092	56.106	56.118	56.102	56.127	56.125	56.127
6	56.071	56.067	56.084	56.091	56.097	56.096	56.108	56.117	56.102	56.124	56.125	56.127
7	56.070	56.071	56.087	56.092	56.097	56.098	56.106	56.115	56.103	56.119	56.127	56.127
8	56.071	56.068	56.086	56.098	56.098	56.100	56.109	56.115	56.101	56.115	56.127	56.130
9	56.071	56.071	56.088	56.095	56.096	56.093	56.111	56.112	56.103	56.121	56.127	56.127
10	56.070	56.072	56.080	56.097	56.097	56.093	56.105	56.115	56.109	56.120	56.127	56.128
11	56.067	56.075	56.089	56.100	56.097	56.094	56.108	56.109	56.107	56.120	56.130	56.130
12	56.068	56.072	56.089	56.096	56.095	56.094	56.113	56.109	56.107	56.118	56.127	56.128
13	56.069	56.075	56.089	56.100	56.099	56.098	56.112	56.103	56.107	56.117	56.129	56.128
14	56.067	56.077	56.092	56.099	56.099	56.096	56.112	56.103	56.109	56.113	56.130	56.129
15	56.066	56.083	56.088	56.097	56.099	56.100	56.111	56.103	56.108	56.115	56.129	56.132
16	56.065	56.077	56.093	56.093	56.098	56.102	56.110	56.100	56.110	56.109	56.127	56.131
17	56.065	56.076	56.086	56.097	56.099	56.099	56.113	56.106	56.112	56.111	56.131	56.132
18	56.065	56.077	56.094	56.097	56.098	56.101	56.111	56.102	56.114	56.112	56.132	56.130
19	56.064	56.081	56.090	56.097	56.101	56.099	56.112	56.100	56.113	56.110	56.130	56.128
20	56.065	56.081	56.091	56.093	56.100	56.097	56.113	56.098	56.114	56.114	56.130	56.130
21	56.064	56.075	56.089	56.096	56.105	56.097	56.112	56.102	56.115	56.112	56.131	56.132
22	56.062	56.079	56.094	56.089	56.098	56.097	56.113	56.102	56.116	56.116	56.126	56.131
23	56.067	56.081	56.091	56.094	56.099	56.088	56.113	56.104	56.117	56.118	56.132	56.130
24	56.062	56.083	56.091	56.097	56.102	56.089	56.109	56.105	56.119	56.122	56.131	56.130
25	56.060	56.079	56.093	56.092	56.095	56.090	56.116	56.109	56.121	56.119	56.131	56.131
26	56.062	56.077	56.096	56.096	56.097	56.085	56.112	56.107	56.121	56.123	56.130	56.131
27	56.063	56.081	56.094	56.092	56.093	56.087	56.117	56.104	56.117	56.122	56.129	56.132
28	56.060	56.083	56.095	56.096	56.091	56.085	56.115	56.103	56.118	56.124	56.131	56.133
29	56.060	--	56.091	56.097	56.095	56.090	56.118	56.099	56.116	56.126	56.132	56.131
30	56.059	--	56.095	56.094	56.095	56.091	56.118	56.096	56.121	56.120	56.133	56.129
31	56.053	--	56.093	--	56.097	--	56.118	56.102	--	56.125	--	56.131
月平均	56.065	56.073	56.089	56.095	56.098	56.095	56.110	56.107	56.110	56.120	56.129	56.130
本月最高	56.071	56.083	56.096	56.100	56.105	56.102	56.118	56.118	56.121	56.132	56.133	56.133
本月最低	56.053	56.055	56.079	56.089	56.091	56.085	56.094	56.096	56.088	56.109	56.124	56.125

表 3-33 JS11 皇泰監測井日均水位數值

水位	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	5.624	5.637	6.336	6.294	5.888	4.530	5.254	5.192	4.517	3.000	5.316	5.989
2	5.178	5.763	6.327	6.280	5.778	4.254	5.278	5.296	4.513	2.941	5.299	5.942
3	4.839	5.789	6.276	6.216	5.575	4.140	5.256	5.328	4.566	3.176	5.323	5.898
4	4.452	5.803	6.269	6.277	5.415	4.151	5.268	5.393	4.609	3.456	5.302	5.891
5	4.178	5.911	6.243	6.331	5.283	4.268	5.303	5.344	4.606	3.700	5.312	5.917
6	4.126	6.032	6.238	6.381	5.238	4.462	5.364	5.214	4.596	3.878	5.331	5.826
7	4.112	6.125	6.253	6.338	5.135	4.610	5.396	5.164	4.631	3.942	5.354	5.704
8	4.145	6.239	6.227	6.203	4.953	4.660	5.380	5.064	4.647	4.008	5.422	5.501
9	4.152	6.263	6.119	6.182	4.857	4.676	5.411	4.670	4.569	4.034	5.537	5.263
10	4.109	6.184	5.873	6.173	4.799	4.695	5.423	4.307	4.531	4.189	5.600	5.148
11	4.132	6.102	5.629	6.188	4.774	4.755	5.505	4.153	4.546	4.227	5.557	5.155
12	4.256	6.083	5.551	6.295	4.711	4.564	5.498	4.136	4.621	4.296	5.570	5.245
13	4.368	6.055	5.552	6.399	4.438	4.347	5.502	4.176	4.718	4.345	5.608	5.346
14	4.377	6.089	5.585	6.397	4.322	4.261	5.552	4.238	4.841	4.382	5.683	5.556
15	4.378	6.139	5.718	6.326	4.313	4.298	5.557	4.301	4.925	4.486	5.799	5.647
16	4.425	6.252	5.861	6.246	4.323	4.302	5.491	4.384	4.938	4.556	5.893	5.605
17	4.525	6.311	5.921	6.134	4.413	4.285	5.476	4.513	5.004	4.651	5.925	5.600
18	4.625	6.151	5.793	6.037	4.403	4.350	5.489	4.550	5.076	4.729	5.909	5.641
19	4.755	6.096	5.774	6.068	4.176	4.396	5.499	4.339	5.182	4.873	5.873	5.698
20	4.866	6.072	5.747	6.150	4.064	4.465	5.562	4.143	5.236	4.984	5.885	5.835
21	4.935	6.049	5.728	6.115	4.075	4.566	5.594	4.008	5.313	5.009	5.838	5.865
22	5.038	6.133	5.908	5.966	4.131	4.719	5.585	4.055	5.268	5.039	5.761	5.830
23	5.069	6.315	6.157	5.889	4.239	4.874	5.535	4.117	5.145	5.076	5.746	5.791
24	5.127	6.435	6.255	5.897	4.332	4.931	5.442	4.178	5.133	5.181	5.714	5.737
25	5.167	6.209	6.116	5.901	4.491	4.930	5.328	4.191	5.169	5.249	5.704	5.741
26	5.331	6.039	6.101	5.947	4.577	4.918	5.116	4.192	5.211	5.361	5.735	5.788
27	5.479	6.008	6.036	6.109	4.575	4.972	5.022	4.185	5.215	5.432	5.764	5.932
28	5.464	6.193	5.986	6.052	4.628	5.081	4.993	4.219	4.857	5.392	5.819	6.101
29	5.442	--	6.073	5.884	4.681	5.186	4.963	4.272	4.040	5.373	5.907	6.109
30	5.445	--	6.199	5.875	4.731	5.235	5.032	4.345	3.400	5.407	6.000	6.018
31	5.482	--	6.296	--	4.753	--	5.092	4.436	--	5.395	--	6.009
月平均	4.761	6.089	6.005	6.152	4.712	4.596	5.360	4.519	4.787	4.509	5.650	5.720
本月最高	5.624	6.435	6.336	6.399	5.888	5.235	5.594	5.393	5.313	5.432	6.000	6.109
本月最低	4.109	5.637	5.551	5.875	4.064	4.140	4.963	4.008	3.400	2.941	5.299	5.148

表 3-34 JS12 仁愛路監測井日均溫(淺部)數值

淺水溫	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	36.006	34.979	36.748	37.376	37.826	35.258	36.182	37.944	36.322	37.030	38.969	39.411
2	36.019	35.021	36.724	37.369	37.806	35.210	36.456	38.018	36.626	36.612	38.946	39.429
3	35.889	35.234	36.815	37.424	37.774	35.134	36.730	38.093	36.952	36.372	38.867	39.431
4	35.818	35.421	36.975	37.423	37.670	35.081	36.921	38.220	37.199	36.264	38.895	39.452
5	35.761	35.598	37.146	37.462	37.460	35.034	37.063	38.335	37.466	36.213	38.928	39.411
6	35.556	35.712	37.236	37.451	37.229	35.008	37.173	38.468	37.658	36.194	38.953	39.328
7	35.374	35.760	37.268	37.466	37.033	35.004	37.248	38.456	37.808	36.200	38.993	39.181
8	35.312	35.763	37.244	37.571	36.926	35.018	37.328	38.447	37.801	36.201	39.028	38.946
9	35.313	35.812	37.266	37.653	36.762	35.027	37.422	38.462	37.786	36.162	39.018	38.730
10	35.252	35.998	37.227	37.692	36.569	35.067	37.529	38.333	37.948	36.149	39.020	38.544
11	35.066	36.255	37.098	37.711	36.387	35.049	37.566	38.056	38.031	36.144	39.076	38.431
12	34.938	36.377	36.904	37.735	36.195	35.089	37.691	37.627	38.084	36.130	39.148	38.374
13	34.809	36.490	36.699	37.713	36.048	35.071	37.741	37.298	38.073	36.150	39.218	38.315
14	34.651	36.569	36.556	37.716	35.899	34.989	37.723	37.063	38.032	36.209	39.270	38.215
15	34.601	36.635	36.450	37.762	35.776	34.929	37.793	36.900	38.097	36.261	39.286	38.187
16	34.613	36.654	36.350	37.802	35.697	34.907	37.894	36.843	38.411	36.377	39.339	38.464
17	34.668	36.629	36.330	37.819	35.599	34.893	37.953	36.730	38.636	36.442	39.375	38.843
18	34.561	36.734	36.548	37.835	35.537	34.888	38.016	36.714	38.766	36.664	39.448	39.047
19	34.682	36.794	36.752	37.769	35.505	34.908	38.089	36.708	38.842	36.833	39.509	39.172
20	34.720	36.846	36.893	37.739	35.423	34.925	38.081	36.805	38.969	36.933	39.509	39.207
21	34.606	36.891	36.957	37.745	35.371	34.926	38.147	36.735	39.100	37.134	39.513	39.237
22	34.570	36.892	36.935	37.817	35.334	34.934	38.140	36.445	39.168	37.453	39.505	39.316
23	34.611	36.851	36.838	37.851	35.313	34.954	38.196	36.301	39.227	37.789	39.504	39.419
24	34.723	36.746	36.762	37.878	35.292	35.034	38.232	36.185	39.195	38.018	39.488	39.498
25	34.698	36.761	36.935	37.876	35.280	35.214	38.216	36.124	39.204	38.214	39.477	39.554
26	34.610	36.903	37.104	37.876	35.286	35.456	38.203	36.096	39.219	38.352	39.460	39.584
27	34.530	36.966	37.221	37.836	35.302	35.636	38.161	36.100	39.169	38.455	39.430	39.553
28	34.522	36.864	37.333	37.886	35.311	35.654	38.000	36.101	39.084	38.589	39.423	39.502
29	34.521	--	37.391	37.938	35.346	35.754	37.906	36.094	38.540	38.741	39.404	39.513
30	34.649	--	37.381	37.893	35.369	35.926	37.855	36.160	37.712	38.831	39.397	39.585
31	34.839	--	37.360	--	35.315	--	37.876	36.256	--	38.904	--	39.646
月平均	34.983	36.291	36.950	37.703	36.117	35.133	37.662	37.165	38.237	37.033	39.247	39.114
本月最高	36.019	36.966	37.391	37.938	37.826	35.926	38.232	38.468	39.227	38.904	39.513	39.646
本月最低	34.521	34.979	36.330	37.369	35.280	34.888	36.182	36.094	36.322	36.130	38.867	38.187

表 3-35 JS12 仁愛路監測井日均溫(深部)數值

深水溫	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	55.857	55.929	55.977	56.195	56.240	56.413	56.300	*	56.143	55.976	56.112	*
2	55.870	55.891	55.979	56.188	56.240	56.371	56.300	56.433	56.145	55.978	56.116	55.950
3	55.873	55.845	55.980	56.180	56.239	56.364	56.300	56.431	56.039	55.979	56.121	55.954
4	55.845	55.845	55.794	56.180	56.236	56.335	56.300	56.419	55.983	55.980	56.122	55.954
5	55.876	55.850	55.888	56.180	56.329	56.299	56.300	56.407	55.983	55.980	56.127	55.957
6	55.857	55.851	55.940	56.180	56.463	56.300	56.300	56.395	55.983	55.980	56.124	56.056
7	55.842	55.856	55.988	56.180	56.441	56.300	56.300	56.383	55.983	55.980	56.126	56.095
8	55.841	55.861	56.003	56.180	56.514	56.300	56.300	56.371	55.983	55.980	56.133	56.102
9	55.851	55.859	56.004	56.190	56.580	56.300	56.300	56.367	55.983	55.967	56.130	56.107
10	55.857	55.873	56.014	56.193	56.637	56.299	56.300	56.358	55.983	55.953	56.135	56.105
11	55.825	55.900	56.020	56.224	56.693	56.298	56.300	56.368	55.983	55.955	56.137	56.102
12	55.816	55.909	56.043	56.213	56.713	56.298	56.300	56.368	55.983	55.973	56.127	56.099
13	55.811	55.910	56.058	56.188	56.718	56.296	56.300	56.321	55.982	56.071	56.126	56.104
14	55.814	55.911	56.060	56.180	56.740	56.300	56.300	56.299	55.982	56.096	56.127	56.103
15	55.830	55.911	56.060	56.188	56.733	56.300	56.297	56.295	55.982	56.103	56.132	56.104
16	55.854	55.910	56.060	56.204	56.704	56.300	56.178	56.293	55.982	56.106	56.132	56.106
17	55.860	55.910	56.060	56.210	56.688	56.300	56.186	56.292	55.982	56.103	56.137	56.104
18	55.848	55.910	56.060	56.235	56.686	56.300	56.208	56.299	55.982	56.102	56.139	56.104
19	55.852	55.923	56.069	56.230	56.683	56.300	56.221	56.297	55.982	56.101	*	56.105
20	55.868	55.965	56.117	56.213	56.680	56.299	56.288	56.262	55.981	56.104	*	56.102
21	55.868	55.980	56.127	56.219	56.680	56.299	56.337	56.253	55.981	56.104	*	56.110
22	55.879	55.977	56.129	56.229	56.629	56.299	56.329	56.247	55.982	56.104	*	56.112
23	55.880	55.965	56.129	56.235	56.620	56.300	56.361	56.242	55.982	56.104	*	56.114
24	55.879	55.944	56.130	56.240	56.579	56.300	56.380	56.239	55.981	56.106	*	56.113
25	55.880	55.955	56.130	56.240	56.550	56.299	56.433	56.227	55.981	56.104	*	56.114
26	55.880	55.977	56.130	56.240	56.539	56.300	56.465	56.215	55.981	56.104	*	56.115
27	55.879	55.977	56.134	56.240	56.490	56.300	56.513	56.203	55.981	56.104	*	56.120
28	55.880	55.979	56.175	56.239	56.488	56.300	56.541	56.190	55.981	56.110	*	56.122
29	55.880	--	56.185	56.240	56.466	56.300	56.536	56.179	55.980	56.113	*	56.125
30	55.898	--	56.190	56.240	56.431	56.300	56.495	56.167	55.977	56.114	*	56.125
31	55.925	--	56.190	--	56.430	--	56.490	56.155	--	56.115	--	56.126
月平均	55.860	55.913	56.059	56.210	56.544	56.309	56.337	56.299	55.995	56.053	56.128	56.087
本月最高	55.925	55.980	56.190	56.240	56.740	56.413	56.541	56.433	56.145	56.115	56.139	56.126
本月最低	55.811	55.845	55.794	56.180	56.236	56.296	56.178	56.155	55.977	55.953	56.112	55.950

表 3-36 JS12 仁愛路監測井日均水位數值

水位	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	10.159	10.602	11.318	11.248	10.906	9.066	10.191	10.206	9.292	6.938	10.221	10.786
2	9.717	10.723	11.361	11.258	10.725	8.736	10.254	10.314	9.308	6.948	10.137	10.767
3	9.327	10.791	11.338	11.254	10.402	8.666	10.252	10.372	9.355	7.352	10.174	10.767
4	8.783	10.844	11.306	11.289	10.101	8.743	10.249	10.444	9.433	7.751	10.183	10.775
5	8.293	10.911	11.257	11.339	9.948	8.821	10.273	10.410	9.408	8.091	10.229	10.814
6	8.273	10.986	11.272	11.369	9.981	8.960	10.321	10.205	9.366	8.318	10.220	10.678
7	8.264	11.070	11.289	11.364	9.857	9.108	10.368	10.129	9.365	8.445	10.245	10.315
8	8.301	11.187	11.190	11.298	9.592	9.204	10.405	9.986	9.375	8.583	10.290	9.963
9	8.377	11.201	10.900	11.284	9.475	9.291	10.466	9.501	9.293	8.603	10.374	9.752
10	8.271	11.177	10.512	11.296	9.398	9.396	10.495	8.921	9.270	8.688	10.409	9.722
11	8.246	11.158	10.264	11.313	9.313	9.486	10.578	8.723	9.320	8.728	10.411	9.804
12	8.357	11.159	10.245	11.398	9.260	9.200	10.517	8.752	9.422	8.833	10.490	9.928
13	8.492	11.143	10.319	11.461	8.934	8.887	10.507	8.839	9.529	8.934	10.560	10.071
14	8.530	11.157	10.387	11.447	8.785	8.758	10.593	8.938	9.679	9.036	10.652	10.276
15	8.572	11.214	10.521	11.382	8.813	8.740	10.609	9.044	9.796	9.183	10.757	10.388
16	8.681	11.322	10.623	11.309	8.867	8.767	10.587	9.148	9.857	9.281	10.824	10.404
17	8.806	11.360	10.671	11.180	8.985	8.815	10.640	9.297	9.954	9.404	10.851	10.458
18	8.923	11.272	10.582	11.070	8.910	8.928	10.648	9.306	10.052	9.499	10.867	10.546
19	9.014	11.290	10.601	11.139	8.562	9.017	10.621	9.019	10.184	9.636	10.829	10.618
20	9.147	11.268	10.594	11.194	8.469	9.135	10.671	8.736	10.201	9.753	10.840	10.745
21	9.260	11.250	10.660	11.165	8.517	9.264	10.710	8.592	10.195	9.870	10.792	10.720
22	9.364	11.334	10.831	11.013	8.608	9.448	10.725	8.684	10.071	9.965	10.664	10.643
23	9.417	11.445	11.030	10.945	8.751	9.612	10.639	8.777	9.965	10.043	10.574	10.605
24	9.498	11.525	11.092	10.977	8.890	9.687	10.504	8.847	10.003	10.165	10.527	10.589
25	9.581	11.302	11.015	11.035	9.030	9.714	10.297	8.827	10.073	10.237	10.536	10.619
26	9.799	11.082	11.022	11.100	9.126	9.727	9.988	8.805	10.146	10.332	10.622	10.671
27	9.915	11.028	10.980	11.164	9.203	9.809	9.814	8.834	10.130	10.402	10.670	10.808
28	9.919	11.202	10.942	11.061	9.305	9.960	9.774	8.914	9.553	10.380	10.716	10.914
29	10.006	--	11.038	10.894	9.362	10.068	9.808	9.010	8.285	10.390	10.789	10.918
30	10.103	--	11.137	10.921	9.406	10.125	9.943	9.109	7.498	10.419	10.828	10.865
31	10.297	--	11.211	--	9.453	--	10.053	9.199	--	10.407	--	10.859
月平均	9.087	11.143	10.887	11.206	9.321	9.238	10.371	9.287	9.579	9.181	10.543	10.509
本月最高	10.297	11.525	11.361	11.461	10.906	10.125	10.725	10.444	10.201	10.419	10.867	10.918
本月最低	8.246	10.602	10.245	10.894	8.469	8.666	9.774	8.592	7.498	6.938	10.137	9.722

表 3-37 JS13 奇立丹監測井日均溫(淺部)數值

淺水溫	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	28.312	26.746	26.407	27.055	26.683	26.772	26.898	27.301	27.524	50.136	28.817	27.319
2	28.186	26.722	26.419	27.335	26.728	26.764	26.915	27.352	27.525	50.055	28.745	27.328
3	28.367	26.645	26.438	26.181	26.854	26.765	26.922	27.356	27.544	49.954	28.659	27.293
4	28.320	26.688	26.423	26.455	26.441	26.798	26.928	27.368	27.550	49.869	28.570	27.241
5	28.119	26.596	26.461	26.205	26.379	26.776	26.936	27.594	27.548	48.958	28.462	27.187
6	27.742	26.588	26.370	26.250	26.646	26.744	26.937	27.463	27.543	46.500	28.395	27.140
7	28.031	26.620	27.130	26.287	27.329	26.798	26.958	27.411	27.555	47.248	28.281	27.102
8	27.664	26.599	27.402	26.288	26.452	26.787	26.973	27.419	27.730	46.096	28.259	27.082
9	27.821	26.573	27.323	26.307	26.492	26.799	27.001	27.429	27.729	44.067	28.206	27.065
10	27.612	26.547	26.805	26.335	26.659	26.817	27.008	27.439	27.604	34.777	28.160	27.070
11	27.310	26.585	26.308	26.592	26.569	27.169	27.024	27.453	27.602	32.605	28.116	27.065
12	27.272	27.375	26.259	26.385	26.640	27.177	27.023	27.461	27.616	31.779	28.070	27.044
13	27.228	26.578	26.309	26.565	26.750	27.056	27.020	27.409	27.613	31.185	28.052	27.029
14	27.190	26.557	26.276	26.354	26.660	27.017	27.032	27.355	27.620	30.748	28.033	27.000
15	27.146	26.581	26.337	26.410	26.758	26.856	27.047	27.344	27.633	30.426	27.974	27.011
16	27.513	26.585	26.232	26.923	26.830	26.845	27.102	27.354	27.635	30.166	27.922	26.990
17	27.402	26.840	26.346	*	27.077	26.868	27.035	27.379	27.637	29.982	27.913	26.981
18	27.001	27.459	26.808	*	26.938	26.881	27.024	27.486	27.642	29.901	27.917	26.959
19	26.989	26.558	26.285	26.265	26.854	26.890	27.019	27.474	27.635	29.901	27.871	26.940
20	27.114	26.562	26.295	26.242	26.902	26.889	27.025	27.404	27.681	29.901	27.786	26.902
21	27.622	26.595	26.308	26.550	26.955	26.894	27.035	27.407	27.782	29.810	27.740	26.877
22	27.039	26.588	26.323	26.305	26.906	26.901	27.218	27.411	27.609	29.647	27.743	26.843
23	26.849	26.567	26.305	26.336	26.846	26.920	27.083	27.423	27.610	29.499	27.758	26.809
24	26.821	27.428	26.495	26.377	26.846	26.937	*	27.650	27.616	29.393	27.771	26.782
25	26.815	27.625	26.283	26.408	26.764	26.923	27.737	27.518	27.595	29.302	27.767	26.775
26	26.783	26.471	26.224	26.442	26.740	26.898	27.460	27.466	27.602	29.219	27.699	26.767
27	26.727	26.424	26.225	26.987	26.745	26.884	27.341	27.474	27.973	29.150	27.491	26.736
28	26.712	26.424	26.249	27.476	26.774	26.955	27.293	27.484	28.422	29.076	27.375	26.712
29	26.972	--	26.277	26.433	26.726	26.887	27.270	27.494	28.103	28.998	27.348	26.677
30	26.756	--	26.516	26.532	26.667	26.887	27.258	27.508	28.613	28.930	27.333	26.662
31	26.752	--	26.311	--	26.802	--	27.253	27.516	--	28.864	--	26.633
月平均	27.361	26.719	26.456	26.510	26.755	26.885	27.093	27.439	27.703	35.359	28.008	26.968
本月最高	28.367	27.625	27.402	27.476	27.329	27.177	27.737	27.650	28.613	50.136	28.817	27.328
本月最低	26.712	26.424	26.224	26.181	26.379	26.744	26.898	27.301	27.524	28.864	27.333	26.633

表 3-38 JS13 奇立丹監測井日均溫(深部)數值

深水溫	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	53.027	50.607	50.561	52.035	50.814	50.737	50.780	50.778	50.837	50.781	50.856	50.904
2	52.291	50.622	50.594	52.169	51.124	50.739	50.784	50.754	50.840	50.651	50.858	50.886
3	53.009	50.636	50.609	50.349	51.402	50.741	50.786	50.761	50.842	50.722	50.858	50.898
4	51.562	50.708	50.621	50.830	50.520	50.747	50.786	50.765	50.849	50.755	50.860	50.890
5	50.090	50.620	50.678	50.503	50.609	50.749	50.787	50.774	50.839	50.780	50.858	50.882
6	50.381	50.636	50.629	50.569	51.009	50.755	50.788	50.827	50.840	50.809	50.862	50.880
7	51.419	50.648	52.298	50.611	52.264	50.755	50.790	50.762	50.842	50.806	50.863	50.876
8	50.496	50.647	53.415	50.632	50.408	50.756	50.792	50.760	50.985	50.808	50.861	50.872
9	51.893	50.653	52.842	50.647	50.689	50.757	50.793	50.770	50.850	51.083	50.861	50.875
10	51.618	50.656	50.434	50.657	51.144	50.760	50.795	50.774	50.820	50.795	50.862	50.874
11	50.321	50.714	50.259	50.935	50.627	51.249	50.795	50.778	50.834	50.877	50.863	50.873
12	50.438	52.085	50.395	50.603	50.782	51.086	50.796	50.895	50.842	50.865	50.865	50.869
13	50.494	50.441	50.512	51.039	50.865	50.919	50.796	50.787	50.842	50.854	50.866	50.868
14	50.540	50.547	50.501	50.713	50.615	50.867	50.797	50.805	50.843	50.842	50.861	50.866
15	50.565	50.592	50.580	50.711	50.664	50.675	50.798	50.812	50.845	50.841	50.864	50.866
16	51.643	50.617	50.571	51.718	50.685	50.718	50.793	50.816	50.846	50.845	50.865	50.867
17	51.758	51.091	50.750	*	51.085	50.739	50.813	50.825	50.847	50.851	50.869	50.868
18	50.355	52.161	51.355	*	50.671	50.750	50.803	50.878	50.847	50.851	50.864	50.866
19	50.477	50.384	50.488	50.671	50.655	50.757	50.802	50.812	50.846	50.851	50.863	50.862
20	50.666	50.516	50.566	50.700	50.691	50.761	50.804	50.811	50.888	50.851	50.864	50.852
21	52.872	50.568	50.596	50.932	50.695	50.765	50.805	50.821	50.915	50.852	50.865	50.839
22	50.324	50.598	50.612	50.673	50.705	50.767	50.855	50.825	50.827	50.846	50.865	50.817
23	50.421	50.614	50.624	50.700	50.712	50.774	50.789	50.829	50.839	50.851	50.866	50.784
24	50.493	52.699	50.868	50.711	50.734	50.781	*	50.946	50.843	50.850	50.865	50.772
25	50.537	51.782	50.617	50.718	50.714	50.776	50.969	50.807	50.848	50.855	50.864	50.781
26	50.559	50.312	50.631	50.719	50.727	50.774	50.788	50.817	50.849	50.853	50.858	50.789
27	50.579	50.461	50.650	51.398	50.733	50.776	50.804	50.827	51.474	50.857	50.812	50.790
28	50.600	50.523	50.661	51.879	50.735	50.809	50.810	50.832	53.374	50.856	50.842	50.794
29	50.934	--	50.667	50.475	50.735	50.766	50.815	50.836	51.787	50.855	50.876	50.799
30	50.568	--	50.970	50.638	50.739	50.776	50.817	50.835	51.400	50.859	50.907	50.806
31	50.589	--	50.655	--	50.817	--	50.818	50.836	--	50.861	--	50.808
月平均	51.017	50.826	50.845	50.891	50.818	50.793	50.805	50.812	51.006	50.836	50.862	50.848
本月最高	53.027	52.699	53.415	52.169	52.264	51.249	50.969	50.946	53.374	51.083	50.907	50.904
本月最低	50.090	50.312	50.259	50.349	50.408	50.675	50.780	50.754	50.820	50.651	50.812	50.772

表 3-39 JS13 奇立丹監測井日均水位數值

水位	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	0.737	0.960	1.081	1.027	0.729	0.236	0.392	0.668	0.339	-0.026	0.361	1.204
2	0.603	0.985	1.156	1.045	0.637	0.172	0.390	0.618	0.403	0.016	0.406	1.179
3	0.502	0.957	1.150	0.976	0.593	0.076	0.334	0.613	0.488	0.003	0.420	1.152
4	0.386	0.917	1.013	1.069	0.497	0.069	0.320	0.605	0.452	0.022	0.306	1.103
5	0.339	1.010	0.963	1.160	0.497	0.027	0.408	0.580	0.442	-0.007	0.289	1.100
6	0.373	1.057	1.009	1.183	0.465	-0.022	0.502	0.560	0.443	-0.066	0.506	1.120
7	0.320	1.054	1.030	1.114	0.391	0.093	0.468	0.637	0.481	-0.056	0.677	1.148
8	0.290	1.136	0.990	0.985	0.352	0.173	0.441	0.675	0.524	-0.046	0.772	1.081
9	0.310	1.151	1.050	0.990	0.336	0.200	0.468	0.690	0.562	-0.047	0.907	0.952
10	0.272	1.044	0.968	0.995	0.311	0.188	0.490	0.611	0.566	0.116	0.918	0.860
11	0.198	0.961	0.828	0.999	0.282	0.177	0.457	0.571	0.613	0.228	0.919	0.841
12	0.196	0.955	0.734	1.031	0.272	0.090	0.500	0.517	0.630	0.213	0.921	0.857
13	0.186	0.891	0.698	1.057	0.182	0.099	0.560	0.509	0.745	0.109	0.901	0.853
14	0.274	0.960	0.726	1.055	0.148	0.139	0.574	0.257	0.722	0.002	0.926	0.983
15	0.378	0.963	0.778	0.985	0.120	0.088	0.557	0.301	0.754	0.013	0.973	1.038
16	0.391	1.021	0.866	0.932	0.154	0.065	0.596	0.328	0.773	0.087	1.030	0.986
17	0.347	1.061	0.923	*	0.199	0.007	0.676	0.258	0.755	0.158	0.997	0.941
18	0.390	1.022	0.860	*	0.214	0.045	0.744	0.235	0.766	0.151	0.897	0.944
19	0.438	0.972	0.834	0.972	0.150	0.072	0.754	0.221	0.831	0.245	0.832	0.974
20	0.435	0.914	0.812	0.887	0.085	0.104	0.603	0.239	0.799	0.331	0.839	1.046
21	0.382	0.915	0.796	0.870	0.036	0.159	0.514	0.265	0.760	0.347	0.884	1.100
22	0.380	0.942	0.912	0.786	0.067	0.255	0.451	0.267	0.753	0.325	0.907	1.123
23	0.447	1.110	1.001	0.739	0.070	0.284	0.462	0.247	0.677	0.334	1.063	1.085
24	0.528	1.221	1.074	0.699	0.070	0.225	*	0.291	0.653	0.297	1.154	1.014
25	0.629	1.078	1.005	0.722	0.153	0.217	0.750	0.319	0.627	0.287	1.132	1.042
26	0.566	0.961	0.930	0.730	0.231	0.258	0.701	0.355	0.715	0.374	1.115	1.045
27	0.489	0.898	0.891	0.793	0.192	0.291	0.686	0.294	0.517	0.447	1.100	1.085
28	0.624	0.996	0.914	0.776	0.175	0.290	0.659	0.320	0.057	0.448	1.054	1.204
29	0.707	--	0.982	0.722	0.219	0.381	0.598	0.308	-0.009	0.378	1.121	1.251
30	0.811	--	1.003	0.729	0.257	0.412	0.577	0.243	0.017	0.342	1.228	1.170
31	0.922	--	1.028	--	0.262	--	0.590	0.282	--	0.372	--	1.081
月平均	0.447	1.004	0.936	0.929	0.269	0.162	0.541	0.416	0.562	0.174	0.852	1.050
本月最高	0.922	1.221	1.156	1.183	0.729	0.412	0.754	0.690	0.831	0.448	1.228	1.251
本月最低	0.186	0.891	0.698	0.699	0.036	-0.022	0.320	0.221	-0.009	-0.066	0.289	0.841

表 3-40 JS14 礁溪鄉公所監測井日均溫(淺部)數值

淺水溫	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	32.101	31.949	31.734	31.601	31.423	31.931	32.035	32.215	32.470	33.603	32.484	32.465
2	32.059	31.934	31.723	31.612	31.411	32.052	32.048	32.198	32.493	34.264	32.485	32.457
3	32.070	31.921	31.736	31.623	31.387	32.161	32.058	32.206	32.485	34.031	32.474	32.416
4	32.175	31.899	31.744	31.624	31.410	32.198	32.088	32.190	32.474	33.488	32.481	32.421
5	32.265	31.894	31.753	31.626	31.358	32.173	32.075	32.201	32.459	33.015	32.503	32.424
6	32.288	31.872	31.741	31.640	31.357	32.115	32.056	32.225	32.471	32.720	32.514	32.391
7	32.304	31.849	31.729	31.638	31.332	32.055	32.051	32.231	32.464	32.681	32.528	32.388
8	32.319	31.835	31.671	31.638	31.400	32.024	32.059	32.195	32.443	32.616	32.508	32.379
9	32.305	31.824	31.648	31.643	31.461	32.011	32.061	32.166	32.484	32.511	32.483	32.376
10	32.314	31.823	31.648	31.643	31.494	32.005	32.067	32.269	32.516	32.480	32.475	32.383
11	32.336	31.825	31.675	31.647	31.554	31.968	32.057	32.383	32.518	32.469	32.490	32.382
12	32.318	31.844	31.635	31.631	31.604	31.994	32.060	32.429	32.505	32.479	32.510	32.369
13	32.283	31.854	31.606	31.625	31.710	32.080	32.058	32.451	32.470	32.480	32.509	32.372
14	32.284	31.855	31.614	31.620	31.834	32.152	32.054	32.460	32.412	32.515	32.505	32.354
15	32.280	31.856	31.615	31.622	31.892	32.175	32.056	32.435	32.390	32.475	32.488	32.361
16	32.263	31.841	31.599	31.599	31.927	32.194	32.083	32.417	32.416	32.453	32.484	32.402
17	32.231	31.828	31.576	31.575	31.901	32.233	32.076	32.365	32.424	32.428	32.490	32.431
18	32.204	31.821	31.559	31.580	31.900	32.229	32.083	32.340	32.421	32.423	32.516	32.428
19	32.178	31.821	31.546	31.533	31.990	32.234	32.091	32.377	32.403	32.398	32.504	32.415
20	32.137	31.841	31.549	31.500	32.080	32.225	32.104	32.486	32.408	32.383	32.519	32.393
21	32.084	31.838	31.547	31.480	32.120	32.181	32.114	32.604	32.362	32.394	32.496	32.364
22	32.051	31.831	31.533	31.488	32.137	32.131	32.114	32.643	32.356	32.424	32.494	32.375
23	32.033	31.818	31.516	31.501	32.115	32.088	32.142	32.605	32.370	32.449	32.503	32.380
24	32.006	31.810	31.533	31.501	32.094	32.059	32.135	32.543	32.371	32.454	32.509	32.399
25	31.998	31.764	31.556	31.493	32.040	32.077	32.163	32.513	32.386	32.470	32.516	32.418
26	31.975	31.760	31.558	31.480	31.980	32.059	32.158	32.567	32.385	32.441	32.510	32.414
27	31.956	31.769	31.575	31.474	31.989	32.054	32.169	32.605	32.388	32.441	32.495	32.393
28	31.963	31.758	31.602	31.439	31.966	32.044	32.161	32.604	32.342	32.453	32.495	32.369
29	31.956	--	31.614	31.450	31.934	32.011	32.180	32.583	32.514	32.486	32.494	32.371
30	31.961	--	31.599	31.451	31.921	32.019	32.184	32.568	32.971	32.498	32.470	32.367
31	31.959	--	31.598	--	31.890	--	32.206	32.518	--	32.481	--	32.360
月平均	32.150	31.840	31.623	31.566	31.762	32.098	32.098	32.406	32.452	32.674	32.498	32.394
本月最高	32.336	31.949	31.753	31.647	32.137	32.234	32.206	32.643	32.971	34.264	32.528	32.465
本月最低	31.956	31.758	31.516	31.439	31.332	31.931	32.035	32.166	32.342	32.383	32.470	32.354

表 3-41 JS14 礁溪鄉公所監測井日均溫(深部)數值

深水溫	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	52.724	52.596	52.415	52.292	52.143	51.801	51.809	51.636	51.362	51.096	51.233	51.230
2	52.626	52.595	52.434	52.314	52.141	51.744	51.796	51.659	51.331	51.099	51.237	51.216
3	52.573	52.594	52.411	*	52.169	51.683	51.781	51.673	51.340	51.126	51.245	51.201
4	52.473	52.605	52.374	52.260	52.126	51.676	51.762	51.678	51.341	51.096	51.221	51.192
5	52.338	52.614	52.357	52.275	52.113	51.689	51.775	51.663	51.322	51.061	51.201	51.188
6	52.339	52.639	52.396	52.280	52.085	51.745	51.803	51.633	51.321	51.081	51.193	51.211
7	52.363	52.656	52.433	52.256	52.077	51.808	51.820	51.622	51.303	51.196	51.188	51.202
8	52.399	52.635	52.446	52.201	52.017	51.850	51.800	51.656	51.302	51.207	51.211	51.179
9	52.403	52.550	52.444	52.187	51.984	51.852	51.801	51.649	51.315	51.231	51.231	51.183
10	52.393	52.478	52.427	52.179	51.985	51.825	51.792	51.537	51.285	51.336	51.254	51.208
11	52.396	52.428	52.387	52.184	51.964	51.854	51.805	51.456	51.251	51.340	51.219	51.221
12	52.425	52.418	52.360	52.210	51.950	51.807	51.811	51.420	51.242	51.326	51.193	51.219
13	52.441	52.375	52.339	52.219	51.909	51.740	51.824	51.416	51.250	51.316	51.179	51.208
14	52.475	52.391	52.340	52.241	51.849	51.711	51.839	51.416	51.273	51.273	51.182	51.216
15	52.505	52.378	52.363	52.223	51.829	51.699	51.830	51.434	51.316	51.293	51.205	51.202
16	52.519	52.408	52.383	52.219	51.814	51.696	51.806	51.442	51.331	51.298	51.220	51.210
17	52.500	52.433	52.383	52.179	51.842	51.667	51.799	51.491	51.303	51.312	51.220	51.216
18	52.468	52.401	52.334	52.162	51.846	51.678	51.795	51.516	51.290	51.293	51.210	51.207
19	52.487	52.373	52.307	52.167	51.799	51.680	51.780	51.476	51.293	51.308	51.216	51.203
20	52.491	52.357	52.278	52.198	51.753	51.687	51.776	51.376	51.309	51.329	51.208	51.191
21	52.530	52.338	52.250	52.210	51.736	51.714	51.785	51.293	51.314	51.307	51.232	51.192
22	52.605	52.340	52.303	52.153	51.731	51.769	51.780	51.271	51.355	51.270	51.212	51.188
23	52.636	52.410	52.373	52.115	51.744	51.805	51.752	51.299	51.367	51.249	51.193	51.178
24	52.583	52.479	52.385	52.093	51.755	51.801	51.757	51.339	51.346	51.243	51.188	51.182
25	52.537	52.433	52.321	52.095	51.784	51.776	51.743	51.353	51.334	51.240	51.179	51.182
26	52.546	52.371	52.299	52.115	51.820	51.775	51.736	51.320	51.316	51.278	51.176	51.160
27	52.569	52.331	52.260	52.155	51.799	51.773	51.704	51.291	51.317	51.288	51.182	*
28	52.617	52.369	52.226	52.184	51.798	51.784	51.711	51.291	51.317	51.254	51.176	*
29	52.673	--	52.232	52.132	51.806	51.813	51.690	51.295	51.328	51.214	51.182	*
30	52.630	--	52.262	52.115	51.811	51.821	51.677	51.299	51.218	51.212	51.223	*
31	52.607	--	52.288	--	51.819	--	51.649	51.327	--	51.231	--	*
月平均	52.512	52.464	52.349	52.194	51.903	51.757	51.774	51.459	51.310	51.239	51.207	51.199
本月最高	52.724	52.656	52.446	52.314	52.169	51.854	51.839	51.678	51.367	51.340	51.254	51.230
本月最低	52.338	52.331	52.226	52.093	51.731	51.667	51.649	51.271	51.218	51.061	51.176	51.160

表 3-42 JS14 礁溪鄉公所監測井日均水位數值

水位	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	3.552	3.739	4.268	4.163	3.900	2.725	3.368	3.295	2.730	1.491	3.429	3.886
2	3.200	3.872	4.332	4.210	3.750	2.541	3.386	3.417	2.704	1.463	3.394	3.919
3	2.940	3.857	4.311	4.190	3.563	2.432	3.381	3.508	2.762	1.633	3.402	3.912
4	2.591	3.874	4.253	4.279	3.372	2.445	3.377	3.574	2.796	1.823	3.393	3.895
5	2.409	3.921	4.209	4.360	3.310	2.468	3.423	3.517	2.806	2.023	3.407	3.899
6	2.424	3.971	4.249	4.375	3.294	2.530	3.488	3.406	2.784	2.185	3.401	3.842
7	2.399	4.022	4.322	4.333	3.192	2.680	3.516	3.346	2.819	2.235	3.391	3.699
8	2.413	4.136	4.227	4.230	3.060	2.771	3.507	3.233	2.820	2.318	3.462	3.477
9	2.445	4.189	4.102	4.241	2.985	2.803	3.540	2.912	2.733	2.349	3.560	3.265
10	2.401	4.146	3.841	4.252	2.925	2.833	3.571	2.642	2.723	2.449	3.599	3.172
11	2.414	4.092	3.658	4.254	2.880	2.882	3.620	2.506	2.741	2.514	3.558	3.203
12	2.523	4.081	3.563	4.280	2.840	2.725	3.621	2.464	2.805	2.565	3.579	3.312
13	2.602	4.037	3.587	4.335	2.636	2.568	3.626	2.480	2.898	2.603	3.619	3.368
14	2.621	4.094	3.627	4.334	2.552	2.509	3.661	2.525	3.015	2.637	3.696	3.544
15	2.628	4.103	3.729	4.265	2.536	2.516	3.673	2.595	3.074	2.736	3.782	3.636
16	2.676	4.210	3.840	4.248	2.586	2.525	3.673	2.642	3.087	2.798	3.854	3.594
17	2.781	4.258	3.885	4.135	2.663	2.511	3.681	2.741	3.134	2.882	3.875	3.590
18	2.841	4.179	3.777	4.072	2.653	2.580	3.686	2.765	3.197	2.932	3.857	3.639
19	2.941	4.158	3.781	4.062	2.467	2.623	3.702	2.619	3.291	3.061	3.827	3.704
20	3.043	4.131	3.735	4.128	2.371	2.681	3.734	2.470	3.336	3.147	3.842	3.808
21	3.165	4.102	3.723	4.098	2.326	2.770	3.752	2.363	3.409	3.172	3.798	3.828
22	3.267	4.143	3.913	3.989	2.384	2.904	3.739	2.372	3.340	3.200	3.724	3.820
23	3.284	4.356	4.109	3.930	2.444	3.009	3.683	2.435	3.239	3.248	3.691	3.792
24	3.316	4.449	4.160	3.906	2.493	3.034	3.612	2.482	3.226	3.321	3.674	3.745
25	3.306	4.253	4.039	3.944	2.630	3.051	3.475	2.487	3.251	3.380	3.660	3.767
26	3.436	4.110	4.031	3.964	2.730	3.071	3.279	2.463	3.296	3.481	3.693	3.775
27	3.604	4.010	3.951	4.026	2.731	3.112	3.171	2.460	3.281	3.538	3.720	3.893
28	3.591	4.141	3.923	3.988	2.771	3.187	3.144	2.492	3.009	3.505	3.754	4.016
29	3.591	--	3.978	3.883	2.816	3.291	3.117	2.542	2.349	3.499	3.822	4.045
30	3.592	--	4.070	3.903	2.862	3.345	3.176	2.584	1.813	3.527	3.895	3.986
31	3.602	--	4.146	--	2.879	--	3.213	2.665	--	3.518	--	3.986
月平均	2.955	4.094	3.979	4.146	2.858	2.771	3.503	2.774	2.949	2.749	3.645	3.710
本月最高	3.604	4.449	4.332	4.375	3.900	3.345	3.752	3.574	3.409	3.538	3.895	4.045
本月最低	2.399	3.739	3.563	3.883	2.326	2.432	3.117	2.363	1.813	1.463	3.391	3.172

表 3-43 JS15 大忠路監測井日均溫(淺部)數值

淺水溫	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	28.082	27.393	27.706	27.711	27.738	27.920	27.844	28.073	27.541	27.476	27.588	27.835
2	28.011	27.407	27.718	27.718	27.744	27.882	27.868	28.112	27.539	27.511	27.579	27.836
3	27.946	27.416	27.727	*	27.750	27.850	27.893	28.144	27.542	27.531	27.567	27.834
4	27.880	27.426	27.729	27.724	27.745	27.837	27.921	28.167	27.559	27.582	27.576	27.833
5	27.803	27.436	27.735	27.726	27.729	27.834	27.945	28.195	27.574	27.593	27.584	27.826
6	27.757	27.450	27.740	27.728	27.722	27.836	27.965	28.217	27.568	27.576	27.605	27.825
7	27.723	27.455	27.740	27.729	27.736	27.837	27.982	28.197	27.562	27.556	27.617	27.836
8	27.691	27.470	27.751	27.728	27.737	27.831	27.999	28.180	27.568	27.528	27.640	27.813
9	27.664	27.480	27.753	27.733	27.727	27.831	28.018	28.144	27.568	27.475	27.656	27.775
10	27.636	27.498	27.746	27.733	27.718	27.841	28.038	28.059	27.571	27.452	27.672	27.751
11	27.607	27.508	27.725	27.737	27.712	27.868	28.065	27.967	27.576	27.415	27.684	27.747
12	27.563	27.527	27.708	27.741	27.706	27.892	28.095	27.916	27.591	27.389	27.698	27.767
13	27.529	27.538	27.701	27.742	27.704	27.862	28.106	27.887	27.609	27.379	27.708	27.777
14	27.506	27.549	27.700	27.742	27.704	27.810	28.111	27.866	27.628	27.388	27.719	27.793
15	27.481	27.558	27.700	27.745	27.711	27.768	28.126	27.850	27.645	27.399	27.729	27.799
16	27.460	27.569	27.704	27.745	27.719	27.740	28.149	27.841	27.664	27.413	27.739	27.804
17	27.433	27.578	27.705	27.746	27.732	27.720	28.171	27.833	27.686	27.417	27.750	27.802
18	27.410	27.595	27.712	27.743	27.757	27.701	28.199	27.824	27.706	27.424	27.759	27.798
19	27.397	27.605	27.712	27.738	27.766	27.690	28.225	27.814	27.730	27.432	27.770	27.794
20	27.386	27.614	27.713	27.730	27.768	27.683	28.253	27.782	27.754	27.438	27.778	27.787
21	27.382	27.628	27.708	27.731	27.780	27.675	28.280	27.739	27.779	27.442	27.781	27.789
22	27.377	27.638	27.706	27.730	27.792	27.687	28.302	27.706	27.773	27.450	27.794	27.784
23	27.372	27.646	27.702	27.729	27.811	27.707	28.335	27.684	27.729	27.462	27.803	27.781
24	27.365	27.656	27.702	27.729	27.826	27.730	28.377	27.662	27.680	27.473	27.813	27.773
25	27.367	27.679	27.710	27.727	27.841	27.755	28.363	27.648	27.666	27.487	27.817	27.766
26	27.366	27.690	27.715	27.731	27.847	27.771	28.268	27.630	27.666	27.500	27.821	27.756
27	27.366	27.696	27.717	27.731	27.854	27.773	28.156	27.605	27.664	27.509	27.822	27.756
28	27.376	27.699	27.717	27.734	27.886	27.781	28.066	27.587	27.682	27.527	27.828	27.753
29	27.384	--	27.713	27.737	27.903	27.800	28.004	27.570	27.625	27.542	27.832	27.751
30	27.391	--	27.713	27.738	27.911	27.822	27.998	27.561	27.506	27.554	27.833	27.746
31	27.396	--	27.711	--	27.910	--	28.028	27.551	--	27.566	--	27.745
月平均	27.552	27.550	27.717	27.733	27.774	27.791	28.102	27.871	27.632	27.480	27.719	27.788
本月最高	28.082	27.699	27.753	27.746	27.911	27.920	28.377	28.217	27.779	27.593	27.833	27.836
本月最低	27.365	27.393	27.700	27.711	27.704	27.675	27.844	27.551	27.506	27.379	27.567	27.745

表 3-44 JS15 大忠路監測井日均溫(深部)數值

深水溫	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	31.283	31.434	31.420	31.560	31.706	31.401	31.749	31.880	31.824	31.314	32.143	32.226
2	31.269	31.499	31.544	31.629	31.700	31.332	31.810	31.831	31.724	31.342	32.116	32.235
3	31.210	31.512	31.553	31.643	31.527	31.219	31.810	31.881	31.884	31.393	32.121	32.230
4	31.114	31.453	31.516	31.657	31.425	31.354	31.809	31.910	31.939	31.346	32.167	32.224
5	31.228	31.539	31.598	31.588	31.345	31.373	31.790	31.871	31.936	31.483	32.170	32.224
6	31.204	31.544	31.614	31.644	31.337	31.361	31.810	31.889	31.833	31.552	32.178	32.213
7	31.134	31.508	31.608	31.651	31.455	31.246	31.810	31.898	31.938	31.502	32.184	31.960
8	31.226	31.413	31.574	31.609	31.340	31.374	31.790	31.868	31.936	31.677	32.186	31.650
9	31.243	31.515	31.600	31.609	31.268	31.465	31.811	31.685	31.836	31.679	32.179	31.667
10	31.203	31.522	31.494	31.674	31.154	31.424	31.822	31.739	31.943	31.581	32.178	31.803
11	31.149	31.479	31.331	31.685	31.199	31.626	31.820	31.704	31.978	31.458	32.181	31.949
12	31.219	31.558	31.486	31.683	31.219	31.609	31.815	31.446	31.998	31.651	32.178	32.043
13	31.184	31.560	31.535	31.680	31.109	31.549	31.828	31.549	31.943	31.836	32.181	32.080
14	31.138	31.544	31.549	31.683	31.193	31.321	31.845	31.563	32.000	31.853	32.180	32.063
15	31.270	31.524	31.477	31.625	31.243	31.399	31.823	31.595	32.000	31.994	32.183	32.079
16	31.312	31.556	31.554	31.689	31.266	31.380	31.876	31.467	31.995	32.025	32.175	32.164
17	31.263	31.531	31.561	31.690	31.201	31.273	31.880	31.641	32.023	32.056	32.180	32.196
18	31.188	31.499	31.537	31.689	31.258	31.441	31.880	31.685	32.046	32.019	32.182	32.211
19	31.300	31.560	31.626	31.626	31.184	31.508	31.855	31.519	32.048	32.063	32.195	32.218
20	31.311	31.580	31.630	31.678	31.153	31.543	31.880	31.715	32.031	32.086	32.193	32.217
21	31.250	31.562	31.624	31.686	31.248	31.420	31.880	31.761	32.044	32.045	32.208	32.220
22	31.358	31.503	31.528	31.669	31.255	31.642	31.849	31.723	32.009	32.129	32.231	32.241
23	31.405	31.553	31.574	31.691	31.254	31.689	31.880	31.517	31.923	32.130	32.223	32.263
24	31.392	31.501	31.570	31.690	31.173	31.647	31.880	31.646	32.004	32.129	32.221	32.273
25	31.361	31.442	31.516	31.690	31.276	31.743	31.868	31.628	32.038	32.105	32.229	32.270
26	31.463	31.563	31.626	31.666	31.287	31.750	31.756	31.489	32.055	32.130	32.208	32.285
27	31.428	31.586	31.630	31.690	31.291	31.749	31.805	31.679	32.008	32.143	32.204	32.276
28	31.370	31.525	31.635	31.718	31.484	31.720	31.790	31.726	32.023	32.117	32.221	32.251
29	31.494	--	31.627	31.670	31.475	31.766	31.672	31.736	31.664	32.154	32.228	32.245
30	31.520	--	31.634	31.704	31.469	31.785	31.838	31.583	31.398	32.153	32.215	32.274
31	31.514	--	31.627	--	31.371	--	31.880	31.789	--	32.169	--	32.279
月平均	31.290	31.520	31.561	31.662	31.318	31.504	31.826	31.697	31.934	31.849	32.188	32.146
本月最高	31.520	31.586	31.635	31.718	31.706	31.785	31.880	31.910	32.055	32.169	32.231	32.285
本月最低	31.114	31.413	31.331	31.560	31.109	31.219	31.672	31.446	31.398	31.314	32.116	31.650

表 3-45 JS15 大忠路監測井日均水位數值

水位	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	13.310	14.707	15.514	15.670	14.996	12.643	14.387	14.416	13.614	11.074	14.418	15.253
2	12.961	14.886	15.637	15.679	14.676	12.354	14.485	14.548	13.731	11.001	14.355	15.153
3	12.623	14.981	15.705	*	14.294	12.266	14.419	14.680	14.021	11.358	14.443	15.125
4	12.302	15.009	15.613	15.730	13.986	12.297	14.416	14.760	14.129	11.742	14.468	15.110
5	12.161	15.121	15.630	15.772	13.975	12.397	14.533	14.736	14.133	11.986	14.542	15.145
6	12.177	15.200	15.653	15.747	14.051	12.552	14.597	14.532	14.074	12.127	14.560	15.042
7	12.312	15.267	15.554	15.770	13.895	12.709	14.627	14.487	13.980	12.256	14.551	14.541
8	12.401	15.292	15.464	15.747	13.643	12.853	14.691	14.477	13.931	12.405	14.513	14.187
9	12.443	15.279	15.230	15.784	13.526	13.051	14.815	14.189	13.830	12.568	14.537	14.133
10	12.464	15.240	14.874	15.764	13.411	13.234	14.862	13.473	13.750	12.672	14.648	14.268
11	12.512	15.204	14.636	15.736	13.263	13.323	14.843	13.191	13.767	12.780	14.707	14.346
12	12.591	15.253	14.641	15.663	13.215	12.985	14.779	13.208	13.851	12.878	14.803	14.364
13	12.688	15.278	14.678	15.675	12.936	12.749	14.835	13.295	13.972	12.983	14.868	14.507
14	12.803	15.324	14.789	15.659	12.796	12.660	14.955	13.392	14.084	13.061	14.914	14.662
15	12.920	15.407	14.854	15.570	12.805	12.539	14.998	13.524	14.177	13.156	15.055	14.788
16	12.982	15.441	14.929	15.590	12.911	12.568	15.070	13.597	14.249	13.311	15.138	14.907
17	13.070	15.458	15.036	15.449	13.031	12.655	15.180	13.659	14.292	13.468	15.208	14.991
18	13.176	15.537	15.122	15.337	12.908	12.786	15.273	13.663	14.334	13.584	15.212	15.036
19	13.339	15.513	15.117	15.419	12.496	12.935	15.182	13.393	14.413	13.689	15.137	15.091
20	13.476	15.477	15.205	15.449	12.407	13.087	15.064	13.108	14.488	13.833	15.140	15.149
21	13.558	15.514	15.321	15.418	12.365	13.261	15.053	12.983	14.431	14.035	15.195	15.190
22	13.662	15.586	15.400	15.282	12.446	13.475	15.083	13.041	14.140	14.193	15.134	15.125
23	13.753	15.562	15.401	15.226	12.528	13.636	14.969	13.143	13.948	14.291	15.026	15.059
24	13.874	15.649	15.477	15.254	12.618	13.674	14.795	13.257	13.955	14.345	14.958	15.068
25	14.008	15.496	15.555	15.289	12.708	13.719	14.535	13.188	14.011	14.388	14.921	15.108
26	14.048	15.304	15.475	15.251	12.811	13.823	14.265	13.116	14.077	14.451	15.005	15.160
27	14.177	15.340	15.524	15.193	12.941	13.963	14.044	13.163	14.059	14.562	15.103	15.108
28	14.327	15.443	15.640	15.107	13.007	14.128	13.969	13.282	13.487	14.639	15.103	15.167
29	14.397	--	15.753	15.002	12.984	14.220	14.032	13.401	12.219	14.625	15.154	15.220
30	14.498	--	15.720	15.075	13.033	14.280	14.188	13.464	11.640	14.615	15.228	15.195
31	14.623	--	15.663	--	13.098	--	14.300	13.537	--	14.645	--	15.041
月平均	13.214	15.313	15.316	15.493	13.218	13.094	14.685	13.674	13.893	13.249	14.868	14.911
本月最高	14.623	15.649	15.753	15.784	14.996	14.280	15.273	14.760	14.488	14.645	15.228	15.253
本月最低	12.161	14.707	14.636	15.002	12.365	12.266	13.969	12.983	11.640	11.001	14.355	14.133

表 3-46 SA01 溝邊監測井日均溫(淺部)數值

淺水溫	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	22.293	22.298	22.311	22.323	22.329	22.328	22.322	22.312	22.299	22.279	22.272	22.258
2	22.305	22.300	22.311	22.324	22.328	22.329	22.322	22.310	22.299	22.278	22.270	22.258
3	22.306	22.299	22.312	22.326	22.328	22.329	22.322	22.308	22.299	22.276	22.269	22.256
4	22.292	22.299	22.314	22.325	22.331	22.329	22.322	22.308	22.297	22.276	22.268	22.257
5	22.289	22.299	22.313	22.324	22.331	22.327	22.322	22.308	22.297	22.276	22.267	22.255
6	22.288	22.300	22.313	22.325	22.330	22.327	22.322	22.308	22.297	22.274	22.267	22.250
7	22.287	22.300	22.314	22.325	22.330	22.327	22.320	22.307	22.297	22.275	22.266	22.251
8	22.287	22.301	22.314	22.325	22.331	22.326	22.321	22.307	22.295	22.278	22.266	22.252
9	22.287	22.301	22.314	22.326	22.330	22.327	22.321	22.306	22.294	22.276	22.265	22.252
10	22.287	22.302	22.315	22.326	22.330	22.326	22.320	22.306	22.293	22.276	22.265	22.252
11	22.288	22.303	22.316	22.326	22.331	22.326	22.319	22.306	22.294	22.275	22.265	22.252
12	22.289	22.303	22.316	22.327	22.330	22.326	22.320	22.305	22.293	22.274	22.265	22.251
13	22.289	22.304	22.316	22.327	22.331	22.326	22.319	22.304	22.293	22.275	22.265	22.252
14	22.289	22.304	22.317	22.327	22.331	22.326	22.318	22.304	22.292	22.275	22.264	22.251
15	22.289	22.305	22.317	22.327	22.331	22.326	22.320	22.302	22.292	22.275	22.264	22.251
16	22.289	22.305	22.317	22.327	22.330	22.326	22.318	22.301	22.291	22.274	22.264	22.251
17	22.289	22.306	22.318	22.328	22.330	22.326	22.314	22.303	22.291	22.275	22.263	22.251
18	22.290	22.306	22.319	22.328	22.330	22.325	22.315	22.303	22.289	22.274	22.263	22.250
19	22.290	22.307	22.319	22.329	22.330	22.325	22.315	22.303	22.289	22.274	22.263	22.251
20	22.291	22.307	22.319	22.329	22.330	22.324	22.314	22.302	22.290	22.274	22.262	22.251
21	22.291	22.307	22.319	22.329	22.330	22.324	22.314	22.302	22.289	22.274	22.262	22.251
22	22.292	22.307	22.320	22.329	22.329	22.324	22.313	22.302	22.288	22.273	22.261	22.251
23	22.292	22.308	22.320	22.330	22.329	22.324	22.311	22.302	22.288	22.274	22.261	22.250
24	22.293	22.308	22.321	22.329	22.330	22.323	22.312	22.303	22.288	22.273	22.261	22.250
25	22.294	22.309	22.321	22.330	22.329	22.323	22.311	22.303	22.287	22.274	22.261	22.250
26	22.294	22.309	22.321	22.331	22.329	22.323	22.311	22.302	22.286	22.273	22.259	22.250
27	22.295	22.310	22.322	22.326	22.329	22.323	22.310	22.301	22.287	22.272	22.260	22.250
28	22.295	22.310	22.322	22.328	22.329	22.323	22.310	22.301	22.287	22.273	22.259	22.250
29	22.296	--	22.323	22.329	22.329	22.323	22.309	22.301	22.283	22.273	22.259	22.249
30	22.296	--	22.323	22.329	22.328	22.322	22.309	22.301	22.279	22.271	22.259	22.249
31	22.297	--	22.323	--	22.328	--	22.310	22.299	--	22.275	--	22.249
月平均	22.292	22.304	22.317	22.327	22.330	22.325	22.316	22.304	22.291	22.275	22.264	22.252
本月最高	22.306	22.310	22.323	22.331	22.331	22.329	22.322	22.312	22.299	22.279	22.272	22.258
本月最低	22.287	22.298	22.311	22.323	22.328	22.322	22.309	22.299	22.279	22.271	22.259	22.249

表 3-47 SA01 溝邊監測井日均溫(深部)數值

深水温	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	22.310	22.301	22.250	22.198	22.153	22.130	22.061	22.060	22.050	22.003	22.000	22.000
2	22.310	22.303	22.250	22.199	22.141	22.130	22.063	22.060	22.042	22.004	22.000	22.001
3	22.310	22.304	22.250	22.198	22.136	22.130	22.064	22.060	22.041	22.001	22.000	22.003
4	22.310	22.295	22.250	22.194	22.133	22.129	22.061	22.060	22.045	22.001	22.000	22.001
5	22.310	22.299	22.250	22.193	22.133	22.124	22.063	22.060	22.033	22.001	22.000	22.001
6	22.310	22.296	22.250	22.190	22.130	22.124	22.061	22.060	22.028	22.000	22.000	22.000
7	22.310	22.293	22.250	22.190	22.130	22.130	22.060	22.060	22.024	22.000	22.000	22.001
8	22.310	22.283	22.250	22.191	22.130	22.126	22.060	22.060	22.020	22.000	22.001	22.004
9	22.310	22.281	22.250	22.190	22.130	22.124	22.063	22.060	22.023	22.000	22.000	22.001
10	22.310	22.276	22.250	22.190	22.130	22.121	22.060	22.060	22.018	22.000	22.000	22.001
11	22.310	22.261	22.250	22.190	22.130	22.117	22.060	22.060	22.019	22.000	22.000	22.000
12	22.310	22.263	22.250	22.190	22.130	22.114	22.060	22.060	22.018	22.000	22.000	22.003
13	22.310	22.265	22.250	22.190	22.130	22.115	22.060	22.060	22.009	22.000	22.000	22.001
14	22.310	22.259	22.250	22.190	22.130	22.110	22.060	22.060	22.013	22.000	22.000	22.005
15	22.310	22.254	22.250	22.190	22.130	22.108	22.106	22.060	22.018	22.000	22.000	22.000
16	22.310	22.254	22.250	22.190	22.130	22.105	22.190	22.060	22.005	22.000	22.000	22.001
17	22.310	22.253	22.250	22.190	22.130	22.101	22.190	22.060	22.006	22.000	22.000	22.000
18	22.310	22.251	22.249	22.190	22.130	22.095	22.190	22.060	22.005	22.000	22.000	22.001
19	22.310	22.250	22.249	22.190	22.130	22.089	22.190	22.060	22.004	22.000	22.001	22.000
20	22.309	22.250	22.250	22.190	22.130	22.089	22.190	22.060	22.003	22.000	22.000	22.001
21	22.309	22.250	22.246	22.190	22.130	22.092	22.175	22.060	22.005	22.000	22.000	22.001
22	22.309	22.250	22.244	22.190	22.130	22.083	22.061	22.060	22.003	22.000	22.000	22.001
23	22.309	22.250	22.246	22.190	22.130	22.078	22.060	22.059	22.004	22.000	22.000	22.000
24	22.309	22.251	22.241	22.190	22.130	22.076	22.060	22.059	22.008	22.000	22.000	22.003
25	22.310	22.250	22.238	22.190	22.130	22.069	22.060	22.059	22.004	22.000	22.000	22.000
26	22.309	22.250	22.235	22.190	22.130	22.067	22.060	22.058	22.005	22.000	22.000	22.000
27	22.310	22.250	22.230	22.190	22.130	22.069	22.060	22.054	22.004	22.000	22.001	22.000
28	22.306	22.250	22.226	22.185	22.130	22.066	22.060	22.053	22.004	22.000	22.000	22.000
29	22.306	--	22.220	22.176	22.130	22.070	22.060	22.057	22.005	22.000	22.000	22.000
30	22.301	--	22.218	22.166	22.129	22.072	22.060	22.054	22.000	22.000	22.001	22.000
31	22.306	--	22.211	--	22.130	--	22.060	22.045	--	22.000	--	22.000
月平均	22.309	22.268	22.244	22.190	22.131	22.102	22.087	22.059	22.015	22.000	22.000	22.001
本月最高	22.310	22.304	22.250	22.199	22.153	22.130	22.190	22.060	22.050	22.004	22.001	22.005
本月最低	22.301	22.250	22.211	22.166	22.129	22.066	22.060	22.045	22.000	22.000	22.000	22.000

表 3-48 SA01 溝邊監測井日均水位數值

水位	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	-0.126	0.906	1.294	1.040	0.953	1.098	0.759	1.561	1.521	1.054	0.767	1.115
2	-0.137	0.986	1.387	1.119	0.822	1.165	0.750	1.578	1.542	0.956	0.849	1.014
3	-0.075	0.959	1.439	1.181	0.799	1.134	0.645	1.634	1.578	0.925	0.854	1.054
4	0.231	0.888	1.298	1.217	0.859	1.089	0.621	1.661	1.584	0.967	0.880	1.125
5	0.490	0.987	1.325	1.262	0.941	1.046	0.715	1.654	1.614	0.935	1.014	1.054
6	0.535	1.040	1.348	1.262	0.942	1.058	0.742	1.667	1.690	0.879	1.096	0.815
7	0.610	1.058	1.170	1.283	0.829	1.066	0.680	1.734	1.655	0.939	1.079	0.690
8	0.669	1.013	1.182	1.280	0.909	1.102	0.635	1.843	1.633	0.962	1.026	0.777
9	0.415	0.996	1.322	1.334	0.933	1.166	0.644	1.871	1.612	0.984	0.977	0.891
10	0.546	0.984	1.353	1.319	0.910	1.171	0.635	1.824	1.577	1.064	1.088	1.033
11	0.715	0.961	1.278	1.265	0.926	1.095	0.516	1.744	1.547	1.116	1.109	1.036
12	0.759	1.002	1.244	1.194	0.907	1.022	0.502	1.693	1.547	1.109	1.092	0.958
13	0.718	1.051	1.175	1.230	0.889	1.072	0.567	1.685	1.632	1.048	1.093	0.998
14	0.641	1.110	1.193	1.238	0.939	1.093	0.543	1.687	1.635	0.987	1.040	1.019
15	0.751	1.173	1.146	1.173	0.942	0.994	0.494	1.718	1.641	0.948	1.142	1.059
16	0.533	1.164	1.157	1.291	1.017	0.942	0.540	1.693	1.652	1.011	1.201	1.128
17	0.416	1.121	1.199	1.300	1.027	0.906	0.685	1.660	1.634	1.064	1.242	1.153
18	0.511	1.244	1.264	1.314	1.055	0.908	0.855	1.623	1.599	1.076	1.176	1.108
19	0.649	1.231	1.253	1.364	1.025	0.940	0.885	1.607	1.582	1.074	1.040	1.080
20	0.682	1.198	1.312	1.385	0.997	0.920	0.838	1.635	1.733	1.109	1.037	1.086
21	0.638	1.218	1.368	1.365	0.936	0.920	0.866	1.642	1.787	1.155	1.084	1.191
22	0.733	1.266	1.300	1.382	0.957	0.923	0.930	1.616	1.636	1.202	1.159	1.231
23	0.784	1.216	1.160	1.410	0.919	0.886	0.984	1.600	1.518	1.213	1.165	1.197
24	0.798	1.255	1.123	1.431	0.935	0.770	1.021	1.629	1.499	1.136	1.118	1.196
25	0.868	1.254	1.251	1.383	0.950	0.761	1.083	1.556	1.509	1.124	1.029	1.232
26	0.776	1.234	1.179	1.354	0.991	0.823	1.197	1.506	1.490	1.128	0.968	1.234
27	0.785	1.313	1.260	0.756	1.023	0.848	1.264	1.512	1.275	1.173	1.023	1.092
28	0.912	1.303	1.399	0.549	1.011	0.830	1.306	1.546	1.308	1.205	0.964	1.126
29	0.900	--	1.446	0.850	1.024	0.820	1.359	1.561	1.230	1.168	0.987	1.174
30	0.955	--	1.334	1.006	1.035	0.784	1.437	1.520	1.225	1.096	1.056	1.145
31	1.000	--	1.173	--	1.076	--	1.511	1.519	--	0.797	--	0.942
月平均	0.603	1.112	1.269	1.218	0.951	0.978	0.846	1.644	1.556	1.052	1.045	1.063
本月最高	1.000	1.313	1.446	1.431	1.076	1.171	1.511	1.871	1.787	1.213	1.242	1.234
本月最低	-0.137	0.888	1.123	0.549	0.799	0.761	0.494	1.506	1.225	0.797	0.767	0.690

表 3-49 SA02 隴山林監測井日均溫(淺部)數值

淺水溫	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	22.444	22.462	22.476	22.489	22.501	22.510	22.515	22.516	22.508	22.501	22.497	22.496
2	22.445	22.465	22.476	22.490	22.501	22.511	22.515	22.514	22.512	22.501	22.497	22.496
3	22.447	22.462	22.476	22.493	22.502	22.510	22.515	22.513	22.509	22.501	22.497	22.496
4	22.452	22.463	22.479	22.492	22.500	22.514	22.514	22.513	22.508	22.501	22.501	22.496
5	22.449	22.463	22.478	22.492	22.499	22.512	22.515	22.513	22.507	22.501	22.497	22.495
6	22.449	22.464	22.478	22.492	22.502	22.512	22.516	22.513	22.508	22.501	22.496	22.493
7	22.449	22.464	22.478	22.492	22.502	22.512	22.515	22.513	22.507	22.501	22.496	22.495
8	22.450	22.465	22.479	22.492	22.504	22.512	22.515	22.512	22.507	22.503	22.496	22.496
9	22.448	22.465	22.479	22.493	22.504	22.512	22.515	22.512	22.507	22.501	22.496	22.497
10	22.451	22.466	22.480	22.493	22.505	22.512	22.515	22.513	22.506	22.501	22.496	22.497
11	22.451	22.466	22.481	22.494	22.505	22.513	22.515	22.512	22.507	22.500	22.496	22.497
12	22.451	22.467	22.481	22.495	22.504	22.513	22.515	22.512	22.506	22.501	22.496	22.497
13	22.451	22.468	22.481	22.495	22.506	22.512	22.515	22.512	22.506	22.500	22.496	22.497
14	22.452	22.468	22.482	22.495	22.506	22.513	22.515	22.511	22.505	22.500	22.496	22.497
15	22.452	22.468	22.482	22.496	22.507	22.513	22.515	22.511	22.506	22.500	22.496	22.496
16	22.452	22.469	22.483	22.496	22.507	22.513	22.515	22.511	22.505	22.500	22.496	22.497
17	22.453	22.469	22.483	22.496	22.507	22.514	22.515	22.511	22.505	22.499	22.496	22.497
18	22.454	22.470	22.484	22.496	22.508	22.514	22.515	22.511	22.505	22.499	22.496	22.496
19	22.454	22.470	22.484	22.496	22.507	22.514	22.515	22.511	22.504	22.499	22.496	22.497
20	22.455	22.471	22.485	22.497	22.507	22.514	22.515	22.511	22.505	22.499	22.496	22.497
21	22.455	22.471	22.485	22.497	22.508	22.514	22.514	22.510	22.504	22.498	22.496	22.497
22	22.456	22.472	22.486	22.498	22.508	22.514	22.514	22.510	22.504	22.498	22.496	22.498
23	22.457	22.472	22.486	22.498	22.508	22.514	22.514	22.510	22.504	22.498	22.496	22.498
24	22.457	22.473	22.486	22.498	22.509	22.514	22.514	22.509	22.504	22.499	22.495	22.498
25	22.457	22.473	22.487	22.499	22.509	22.515	22.514	22.509	22.503	22.499	22.496	22.498
26	22.458	22.474	22.487	22.499	22.509	22.515	22.514	22.509	22.503	22.499	22.496	22.498
27	22.459	22.474	22.487	22.494	22.509	22.514	22.514	22.509	22.501	22.497	22.496	22.498
28	22.459	22.475	22.488	22.501	22.509	22.515	22.514	22.508	22.502	22.498	22.495	22.497
29	22.460	--	22.489	22.501	22.510	22.515	22.513	22.509	22.502	22.498	22.496	22.498
30	22.460	--	22.488	22.501	22.510	22.514	22.514	22.508	22.500	22.497	22.496	22.498
31	22.461	--	22.489	--	22.510	--	22.513	22.508	--	22.495	--	22.498
月平均	22.453	22.468	22.483	22.495	22.506	22.513	22.515	22.511	22.505	22.500	22.496	22.497
本月最高	22.461	22.475	22.489	22.501	22.510	22.515	22.516	22.516	22.512	22.503	22.501	22.498
本月最低	22.444	22.462	22.476	22.489	22.499	22.510	22.513	22.508	22.500	22.495	22.495	22.493

表 3-50 SA02 隴山林監測井日均溫(深部)數值

深水溫	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	22.060	22.061	22.035	21.927	21.840	21.843	21.769	21.782	21.805	21.817	21.904	21.912
2	22.060	22.059	22.036	21.923	21.836	21.848	21.767	21.788	21.806	21.819	21.905	21.914
3	22.060	22.059	22.035	21.924	21.833	21.850	21.762	21.791	21.804	21.823	21.906	21.908
4	22.058	22.058	22.035	21.917	21.852	21.848	21.767	21.799	21.803	21.830	21.910	21.902
5	22.057	22.056	22.031	21.915	21.850	21.845	21.767	21.799	21.806	21.836	21.907	21.896
6	22.057	22.054	22.026	21.911	21.823	21.842	21.765	21.800	21.800	21.845	21.911	21.897
7	22.058	22.053	22.020	21.905	21.821	21.835	21.761	21.797	21.805	21.857	21.910	21.894
8	22.061	22.052	22.022	21.905	21.826	21.836	21.766	21.795	21.802	21.860	21.913	21.894
9	22.065	22.050	22.015	21.899	21.819	21.828	21.759	21.797	21.804	21.864	21.912	21.896
10	22.067	22.049	22.010	21.893	21.813	21.823	21.754	21.797	21.805	21.866	21.915	21.892
11	22.070	22.047	22.007	21.891	21.813	21.821	21.753	21.795	21.805	21.869	21.913	21.893
12	22.071	22.045	22.000	21.890	21.813	21.821	21.753	21.798	21.806	21.875	21.916	21.891
13	22.071	22.044	21.998	21.884	21.812	21.815	21.752	21.800	21.806	21.877	21.915	21.890
14	22.070	22.043	21.992	21.884	21.816	21.813	21.755	21.800	21.807	21.883	21.913	21.890
15	22.071	22.041	21.986	21.878	21.811	21.809	21.752	21.802	21.810	21.885	21.915	21.886
16	22.072	22.040	21.985	21.878	21.815	21.808	21.754	21.805	21.811	21.888	21.915	21.881
17	22.074	22.039	21.980	21.876	21.814	21.806	21.753	21.806	21.809	21.886	21.915	21.878
18	22.075	22.038	21.976	21.876	21.815	21.806	21.756	21.803	21.811	21.890	21.912	21.875
19	22.075	22.038	21.974	21.872	21.815	21.803	21.755	21.808	21.809	21.893	21.915	21.872
20	22.076	22.038	21.969	21.868	21.818	21.799	21.757	21.809	21.809	21.891	21.916	21.868
21	22.075	22.037	21.967	21.865	21.820	21.794	21.759	21.807	21.811	21.895	21.914	21.868
22	22.075	22.036	21.960	21.860	21.820	21.792	21.760	21.803	21.811	21.894	21.915	21.866
23	22.074	22.034	21.959	21.856	21.822	21.786	21.762	21.805	21.816	21.894	21.913	21.864
24	22.072	22.033	21.952	21.859	21.828	21.788	21.767	21.805	21.813	21.896	21.915	21.864
25	22.071	22.031	21.953	21.856	21.826	21.787	21.766	21.805	21.812	21.897	21.913	21.860
26	22.069	22.030	21.947	21.857	21.832	21.787	21.771	21.802	21.813	21.897	21.912	21.855
27	22.068	22.034	21.943	21.854	21.830	21.785	21.770	21.805	21.812	21.898	21.913	21.855
28	22.066	22.035	21.944	21.848	21.836	21.779	21.776	21.805	21.814	21.899	21.912	21.851
29	22.065	--	21.938	21.846	21.835	21.775	21.776	21.804	21.816	21.901	21.916	21.850
30	22.063	--	21.936	21.843	21.838	21.774	21.777	21.806	21.816	21.901	21.912	21.847
31	22.062	--	21.931	--	21.843	--	21.783	21.801	--	21.903	--	21.846
月平均	22.067	22.044	21.986	21.882	21.825	21.812	21.763	21.801	21.808	21.875	21.912	21.879
本月最高	22.076	22.061	22.036	21.927	21.852	21.850	21.783	21.809	21.816	21.903	21.916	21.914
本月最低	22.057	22.030	21.931	21.843	21.811	21.774	21.752	21.782	21.800	21.817	21.904	21.846

表 3-51 SA02 隴山林監測井日均水位數值

水位	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	0.186	1.278	1.789	1.522	1.279	1.609	1.965	2.094	2.065	1.470	1.201	1.515
2	0.180	1.385	1.872	1.596	1.161	1.647	1.982	2.111	2.169	1.319	1.235	1.425
3	0.246	1.474	1.936	1.638	1.146	1.602	1.913	2.168	2.254	1.269	1.212	1.422
4	0.530	1.425	1.847	1.661	1.261	1.716	1.888	2.197	2.254	1.303	1.156	1.441
5	0.765	1.471	1.855	1.700	1.745	1.706	1.961	2.189	2.288	1.275	1.148	1.381
6	0.809	1.546	1.875	1.698	2.107	1.718	2.045	2.201	2.349	1.226	1.239	1.148
7	0.891	1.574	1.699	1.719	1.971	1.760	2.025	2.269	2.311	1.284	1.238	0.988
8	0.943	1.544	1.708	1.714	2.019	1.808	1.988	2.374	2.280	1.275	1.191	1.039
9	0.705	1.522	1.847	1.768	2.010	1.898	2.007	2.410	2.253	1.265	1.159	1.141
10	0.839	1.472	1.866	1.757	1.955	1.938	2.028	2.353	2.210	1.360	1.282	1.285
11	0.996	1.495	1.787	1.711	1.937	1.914	1.955	2.269	2.185	1.422	1.309	1.298
12	1.036	1.479	1.748	1.634	1.893	1.839	1.925	2.216	2.182	1.420	1.304	1.228
13	0.997	1.553	1.673	1.675	1.854	1.881	1.997	2.210	2.260	1.365	1.318	1.272
14	0.942	1.601	1.692	1.682	1.874	1.953	2.041	2.209	2.262	1.308	1.285	1.303
15	1.035	1.660	1.639	1.625	1.851	1.867	1.998	2.237	2.265	1.282	1.397	1.351
16	0.821	1.680	1.651	1.746	1.902	1.832	2.027	2.215	2.273	1.349	1.469	1.430
17	0.700	1.652	1.690	1.753	1.888	1.806	2.113	2.187	2.251	1.406	1.525	1.465
18	0.789	1.716	1.759	1.761	1.888	1.821	2.225	2.148	2.216	1.429	1.469	1.432
19	0.932	1.760	1.743	1.808	1.835	1.866	2.192	2.135	2.205	1.437	1.352	1.413
20	0.973	1.706	1.811	1.832	1.781	1.901	2.092	2.161	2.351	1.483	1.354	1.426
21	0.939	1.725	1.866	1.822	1.697	1.901	2.060	2.171	2.403	1.537	1.418	1.534
22	1.033	1.776	1.791	1.839	1.697	1.937	2.061	2.147	2.244	1.592	1.488	1.584
23	1.089	1.730	1.651	1.867	1.637	1.933	2.053	2.136	2.125	1.613	1.499	1.557
24	1.120	1.765	1.631	1.889	1.625	1.857	2.031	2.170	2.102	1.548	1.460	1.565
25	1.184	1.767	1.749	1.862	1.620	1.828	2.033	2.095	2.110	1.544	1.377	1.604
26	1.103	1.739	1.672	1.825	1.638	1.900	2.087	2.046	2.094	1.558	1.326	1.625
27	1.130	1.802	1.752	1.219	1.646	1.964	2.092	2.053	1.871	1.611	1.386	1.492
28	1.254	1.821	1.887	0.994	1.613	1.968	2.077	2.086	1.867	1.653	1.342	1.531
29	1.250	--	1.928	1.211	1.592	1.984	2.067	2.100	1.749	1.623	1.369	1.589
30	1.314	--	1.818	1.334	1.590	1.976	2.087	2.061	1.702	1.552	1.454	1.568
31	1.363	--	1.657	--	1.607	--	2.102	2.064	--	1.265	--	1.379
月平均	0.906	1.611	1.771	1.662	1.720	1.844	2.036	2.177	2.172	1.421	1.332	1.401
本月最高	1.363	1.821	1.936	1.889	2.107	1.984	2.225	2.410	2.403	1.653	1.525	1.625
本月最低	0.180	1.278	1.631	0.994	1.146	1.602	1.888	2.046	1.702	1.226	1.148	0.988

表 3-52 SA03 煙波監測井日均溫(淺部)數值

淺水溫	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	22.464	22.370	22.274	22.314	22.374	22.416	22.433	22.511	22.611	22.683	22.730	22.709
2	22.463	22.356	22.266	22.312	22.378	22.415	22.436	22.510	22.621	22.685	22.722	22.718
3	22.459	22.353	22.267	22.309	22.380	22.414	22.438	22.512	22.616	22.690	22.722	22.707
4	22.444	22.357	22.262	22.311	22.380	22.412	22.441	22.515	22.620	22.692	22.720	22.711
5	22.448	22.349	22.269	22.314	22.378	22.417	22.441	22.517	22.622	22.697	22.725	22.718
6	22.452	22.346	22.271	22.316	22.382	22.417	22.443	22.519	22.625	22.700	22.721	22.734
7	22.448	22.339	22.281	22.316	22.385	22.414	22.444	22.523	22.627	22.701	22.719	22.723
8	22.446	22.341	22.279	22.318	22.383	22.413	22.447	22.525	22.630	22.711	22.716	22.694
9	22.442	22.335	22.277	22.320	22.383	22.412	22.448	22.529	22.632	22.709	22.727	22.690
10	22.436	22.331	22.276	22.325	22.383	22.413	22.450	22.533	22.634	22.708	22.723	22.684
11	22.433	22.329	22.278	22.333	22.383	22.419	22.453	22.532	22.637	22.710	22.723	22.675
12	22.436	22.320	22.274	22.339	22.380	22.417	22.455	22.537	22.642	22.714	22.722	22.673
13	22.434	22.317	22.277	22.336	22.381	22.416	22.457	22.540	22.644	22.715	22.717	22.685
14	22.434	22.312	22.273	22.338	22.381	22.417	22.459	22.542	22.645	22.719	22.722	22.685
15	22.423	22.305	22.280	22.344	22.380	22.414	22.468	22.545	22.649	22.728	22.721	22.683
16	22.429	22.308	22.279	22.345	22.381	22.416	22.466	22.549	22.652	22.729	22.714	22.682
17	22.430	22.309	22.280	22.341	22.387	22.416	22.469	22.552	22.656	22.727	22.709	22.687
18	22.421	22.298	22.277	22.342	22.390	22.419	22.471	22.555	22.659	22.728	22.714	22.690
19	22.413	22.293	22.281	22.344	22.388	22.420	22.473	22.560	22.660	22.736	22.718	22.689
20	22.416	22.286	22.275	22.346	22.394	22.420	22.473	22.561	22.661	22.731	22.720	22.689
21	22.419	22.288	22.275	22.349	22.395	22.421	22.475	22.564	22.665	22.735	22.720	22.683
22	22.415	22.287	22.284	22.351	22.396	22.424	22.479	22.565	22.664	22.733	22.715	22.682
23	22.410	22.292	22.293	22.351	22.399	22.426	22.481	22.570	22.667	22.731	22.710	22.682
24	22.407	22.288	22.292	22.352	22.398	22.426	22.481	22.576	22.673	22.730	22.709	22.677
25	22.396	22.284	22.292	22.354	22.397	22.425	22.483	22.579	22.674	22.731	22.709	22.676
26	22.399	22.281	22.293	22.358	22.394	22.428	22.487	22.583	22.672	22.732	22.706	22.676
27	22.396	22.276	22.288	22.356	22.396	22.427	22.489	22.589	22.678	22.730	22.711	22.682
28	22.384	22.276	22.289	22.374	22.400	22.428	22.491	22.598	22.681	22.733	22.717	22.676
29	22.385	--	22.292	22.369	22.402	22.429	22.494	22.601	22.677	22.734	22.719	22.672
30	22.374	--	22.300	22.368	22.401	22.432	22.496	22.606	22.683	22.738	22.717	22.674
31	22.365	--	22.307	--	22.396	--	22.498	22.608	--	22.740	--	*
月平均	22.423	22.315	22.281	22.338	22.388	22.419	22.465	22.552	22.649	22.719	22.718	22.690
本月最高	22.464	22.370	22.307	22.374	22.402	22.432	22.498	22.608	22.683	22.740	22.730	22.734
本月最低	22.365	22.276	22.262	22.309	22.374	22.412	22.433	22.510	22.611	22.683	22.706	22.672

表 3-53 SA03 煙波監測井日均溫(深部)數值

深水溫	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	23.483	23.417	23.512	23.604	23.641	23.644	23.695	23.712	23.716	23.745	23.708	23.813
2	23.493	23.477	23.537	23.615	23.636	23.654	23.696	23.714	23.729	23.730	23.768	23.749
3	23.503	23.499	23.553	23.631	23.634	23.664	23.685	23.714	23.730	23.751	23.737	23.693
4	23.511	23.477	23.545	23.617	23.618	23.654	23.692	23.718	23.727	23.749	23.769	23.694
5	23.512	23.487	23.556	23.612	23.607	23.661	23.700	23.715	23.723	23.758	23.813	23.602
6	23.484	23.477	23.569	23.609	23.588	23.648	23.700	23.707	23.732	23.737	23.797	23.604
7	23.493	23.493	23.516	23.619	23.582	23.665	23.686	23.703	23.736	23.752	23.768	23.722
8	23.486	23.466	23.526	23.635	23.612	23.656	23.690	23.709	23.735	23.750	23.785	23.708
9	23.489	23.474	23.553	23.639	23.591	23.661	23.692	23.668	23.733	23.743	23.804	23.788
10	23.521	23.474	23.552	23.620	23.579	23.651	23.694	23.696	23.728	23.733	23.763	23.740
11	23.527	23.468	23.569	23.608	23.587	23.626	23.696	23.689	23.737	23.736	23.787	23.785
12	23.505	23.494	23.574	23.612	23.596	23.620	23.687	23.700	23.739	23.745	23.795	23.779
13	23.483	23.495	23.569	23.615	23.607	23.611	23.693	23.707	23.738	23.704	23.806	23.737
14	23.486	23.499	23.576	23.605	23.601	23.604	23.696	23.716	23.741	23.749	23.851	23.797
15	23.515	23.513	23.563	23.602	23.603	23.618	23.693	23.710	23.745	23.761	23.827	23.796
16	23.476	23.486	23.578	23.603	23.592	23.656	23.697	23.718	23.749	23.759	23.821	23.730
17	23.469	23.472	23.597	23.622	23.595	23.655	23.700	23.718	23.750	23.754	23.810	23.813
18	23.483	23.501	23.590	23.620	23.576	23.650	23.678	23.713	23.753	23.767	23.796	23.840
19	23.485	23.455	23.583	23.628	23.605	23.660	23.688	23.673	23.754	23.765	23.807	23.821
20	23.474	23.532	23.603	23.635	23.615	23.668	23.690	23.692	23.763	23.752	23.791	23.725
21	23.460	23.516	23.609	23.637	23.646	23.678	23.695	23.702	23.753	23.756	23.808	23.778
22	23.449	23.528	23.601	23.650	23.644	23.672	23.700	23.715	23.745	23.773	23.751	23.801
23	23.462	23.487	23.561	23.663	23.650	23.688	23.695	23.724	23.750	23.785	23.736	23.785
24	23.454	23.496	23.568	23.654	23.636	23.650	23.690	23.730	23.754	23.781	23.756	23.730
25	23.484	23.511	23.586	23.659	23.631	23.641	23.684	23.697	23.759	23.786	23.789	23.786
26	23.456	23.536	23.588	23.663	23.622	23.641	23.703	23.716	23.755	23.791	23.798	23.765
27	23.442	23.541	23.609	23.644	23.621	23.666	23.700	23.724	23.729	23.791	23.822	23.575
28	23.459	23.513	23.607	23.665	23.611	23.677	23.704	23.726	23.711	23.766	23.800	23.693
29	23.471	--	23.615	23.661	23.662	23.683	23.708	23.725	23.723	23.764	23.743	23.714
30	23.477	--	23.605	23.662	23.649	23.690	23.710	23.727	23.728	23.776	23.802	23.838
31	23.485	--	23.585	--	23.628	--	23.709	23.725	--	23.709	--	*
月平均	23.483	23.492	23.573	23.630	23.615	23.654	23.695	23.710	23.739	23.755	23.787	23.747
本月最高	23.527	23.541	23.615	23.665	23.662	23.690	23.710	23.730	23.763	23.791	23.851	23.840
本月最低	23.442	23.417	23.512	23.602	23.576	23.604	23.678	23.668	23.711	23.704	23.708	23.575

表 3-54 SA03 煙波監測井日均水位數值

水位	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	1.396	2.582	2.616	2.627	2.603	2.732	2.737	2.822	2.783	2.582	2.361	2.576
2	1.362	2.635	2.662	2.688	2.552	2.740	2.732	2.803	2.806	2.637	2.492	2.524
3	1.438	2.650	2.689	2.731	2.542	2.732	2.695	2.794	2.828	2.652	2.521	2.520
4	1.668	2.599	2.631	2.751	2.573	2.714	2.695	2.810	2.817	2.657	2.512	2.538
5	1.892	2.639	2.656	2.774	2.615	2.689	2.731	2.852	2.780	2.629	2.500	2.478
6	1.938	2.657	2.669	2.767	2.607	2.678	2.748	2.916	2.779	2.573	2.547	2.268
7	1.991	2.658	2.573	2.776	2.510	2.692	2.739	2.995	2.781	2.610	2.561	2.225
8	2.014	2.630	2.584	2.767	2.590	2.717	2.738	2.914	2.773	2.609	2.513	2.348
9	1.792	2.615	2.675	2.790	2.607	2.755	2.758	2.774	2.774	2.580	2.479	2.434
10	1.902	2.581	2.689	2.779	2.584	2.762	2.756	2.789	2.793	2.639	2.551	2.510
11	2.003	2.572	2.659	2.740	2.599	2.708	2.702	2.839	2.819	2.653	2.564	2.521
12	2.051	2.586	2.653	2.722	2.595	2.681	2.709	2.834	2.821	2.641	2.553	2.491
13	2.038	2.606	2.625	2.733	2.587	2.716	2.754	2.844	2.832	2.607	2.553	2.518
14	2.001	2.610	2.645	2.735	2.623	2.731	2.745	2.837	2.828	2.574	2.531	2.536
15	2.114	2.627	2.626	2.703	2.626	2.701	2.735	2.818	2.803	2.554	2.571	2.556
16	1.926	2.621	2.639	2.762	2.665	2.688	2.748	2.811	2.790	2.595	2.606	2.596
17	1.903	2.590	2.672	2.759	2.646	2.676	2.783	2.829	2.814	2.613	2.626	2.616
18	2.045	2.633	2.699	2.753	2.665	2.680	2.831	2.828	2.883	2.616	2.579	2.586
19	2.172	2.626	2.699	2.767	2.660	2.706	2.823	2.816	2.907	2.611	2.501	2.577
20	2.216	2.604	2.728	2.773	2.654	2.709	2.775	2.825	2.837	2.622	2.520	2.581
21	2.173	2.613	2.757	2.770	2.627	2.715	2.772	2.830	2.765	2.645	2.551	2.642
22	2.271	2.631	2.710	2.770	2.645	2.732	2.775	2.872	2.769	2.658	2.576	2.665
23	2.326	2.605	2.657	2.777	2.631	2.721	2.769	2.839	2.793	2.658	2.586	2.641
24	2.373	2.615	2.685	2.789	2.638	2.675	2.782	2.758	2.821	2.624	2.568	2.643
25	2.419	2.618	2.746	2.790	2.653	2.691	2.782	2.770	2.852	2.602	2.520	2.658
26	2.405	2.605	2.710	2.746	2.682	2.738	2.788	2.818	2.852	2.601	2.477	2.669
27	2.444	2.638	2.749	2.254	2.704	2.759	2.794	2.828	2.621	2.608	2.528	2.600
28	2.523	2.635	2.819	2.232	2.701	2.749	2.803	2.800	2.796	2.618	2.493	2.631
29	2.535	--	2.836	2.528	2.682	2.755	2.813	2.801	2.697	2.608	2.491	2.658
30	2.584	--	2.784	2.585	2.697	2.746	2.815	2.784	2.657	2.568	2.539	2.642
31	2.623	--	2.703	--	2.767	--	2.819	2.779	--	2.265	--	*
月平均	2.082	2.617	2.685	2.705	2.630	2.716	2.763	2.827	2.796	2.604	2.532	2.548
本月最高	2.623	2.658	2.836	2.790	2.767	2.762	2.831	2.995	2.907	2.658	2.626	2.669
本月最低	1.362	2.572	2.573	2.232	2.510	2.675	2.695	2.758	2.621	2.265	2.361	2.225

表 3-55 SA04 冷泉公園監測井日均溫(淺部)數值

淺水溫	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	23.045	22.879	22.781	22.692	22.833	22.999	23.155	23.416	23.657	23.737	23.810	23.703
2	22.941	22.874	22.782	22.676	22.840	23.002	23.161	23.398	23.689	23.726	23.810	23.700
3	22.870	22.864	22.779	22.671	22.821	23.008	23.161	23.429	23.685	23.730	23.810	23.693
4	22.894	22.855	22.780	22.676	22.839	23.010	23.169	23.433	23.670	23.750	23.821	23.696
5	22.963	22.848	22.778	22.678	22.852	23.010	23.187	23.420	23.674	23.751	23.862	23.689
6	23.009	22.840	22.782	22.679	22.852	23.010	23.194	23.444	23.719	23.751	23.864	23.686
7	23.018	22.840	22.777	22.680	22.717	23.011	23.191	23.472	23.713	23.806	23.831	23.671
8	23.030	22.834	22.773	22.684	22.799	23.018	23.196	23.493	23.707	23.802	23.844	23.649
9	23.001	22.832	22.756	22.684	22.842	23.024	23.194	23.503	23.705	23.786	23.832	23.646
10	22.954	22.829	22.747	22.683	22.847	23.030	23.217	23.531	23.713	23.799	23.831	23.629
11	22.975	22.832	22.742	22.587	22.861	23.186	23.218	23.513	23.717	23.800	23.826	23.613
12	22.992	22.826	22.741	22.634	22.883	23.268	23.226	23.503	23.730	23.797	23.819	23.601
13	22.991	22.823	22.741	22.657	22.949	23.221	23.235	23.524	23.754	23.774	23.815	23.572
14	22.961	22.824	22.739	22.689	22.936	23.187	23.243	23.520	23.754	23.783	23.802	23.556
15	22.959	22.825	22.732	22.700	22.922	23.161	23.249	23.545	23.759	23.777	23.801	23.534
16	22.942	22.826	22.731	22.680	22.922	23.127	23.259	23.530	23.776	23.804	23.781	23.515
17	22.897	22.815	22.725	22.700	22.973	23.117	23.271	23.539	23.776	23.835	23.772	23.492
18	22.896	22.806	22.724	22.715	23.023	23.114	23.290	23.545	23.775	23.807	23.767	23.473
19	22.906	22.807	22.719	22.724	22.996	23.114	23.290	23.550	23.766	23.815	23.768	23.457
20	22.912	22.806	22.718	22.732	22.979	23.107	23.285	23.569	23.824	23.827	23.765	23.431
21	22.902	22.805	22.714	22.737	22.987	23.112	23.286	23.580	23.812	23.826	23.759	23.419
22	22.894	22.805	22.709	22.742	22.971	23.117	23.323	23.570	23.791	23.841	23.746	23.405
23	22.901	22.807	22.708	22.752	22.970	23.120	23.306	23.582	23.781	23.840	23.730	23.389
24	22.899	22.799	22.701	22.760	22.973	23.123	23.312	23.606	23.794	23.813	23.723	23.376
25	22.900	22.790	22.700	22.760	22.973	23.126	23.341	23.594	23.797	23.837	23.715	23.364
26	22.902	22.786	22.691	22.767	22.978	23.131	23.354	23.605	23.781	23.842	23.711	23.353
27	22.898	22.783	22.694	22.833	22.980	23.134	23.372	23.618	23.730	23.827	23.718	23.346
28	22.897	22.784	22.694	22.849	22.988	23.138	23.360	23.631	23.800	23.844	23.731	23.334
29	22.893	--	22.696	22.821	22.990	23.144	23.385	23.649	23.756	23.826	23.719	23.321
30	22.883	--	22.696	22.811	22.990	23.150	23.388	23.634	23.730	23.824	23.709	23.310
31	22.882	--	22.698	--	22.990	--	23.390	23.642	--	23.770	--	23.304
月平均	22.936	22.823	22.734	22.715	22.919	23.101	23.265	23.535	23.745	23.798	23.783	23.514
本月最高	23.045	22.879	22.782	22.849	23.023	23.268	23.390	23.649	23.824	23.844	23.864	23.703
本月最低	22.870	22.783	22.691	22.587	22.717	22.999	23.155	23.398	23.657	23.726	23.709	23.304

表 3-56 SA04 冷泉公園監測井日均溫(深部)數值

深水溫	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	32.769	32.737	32.734	32.748	*	32.683	32.681	32.690	32.688	32.679	32.803	33.041
2	32.763	32.737	32.738	32.749	*	32.684	32.685	32.693	32.677	32.690	32.806	33.054
3	32.774	32.737	32.732	32.744	*	32.684	32.683	32.690	32.674	32.690	32.811	33.052
4	32.755	32.728	32.751	*	*	32.677	32.680	32.693	32.671	32.688	32.821	33.049
5	32.738	32.735	32.761	*	32.729	32.675	32.688	32.701	32.680	32.684	32.823	33.050
6	32.729	32.735	32.753	*	32.702	32.683	32.688	32.697	32.680	32.685	32.832	33.050
7	32.734	32.732	32.753	*	32.693	32.678	32.690	32.693	32.681	32.691	32.843	33.049
8	32.735	32.737	32.757	*	32.699	32.682	32.687	32.702	32.678	32.686	32.848	33.043
9	32.732	32.749	32.747	*	32.693	32.675	32.691	32.701	32.687	32.667	32.840	33.045
10	32.737	32.736	32.753	*	32.696	32.672	32.693	32.699	32.684	32.678	32.852	33.042
11	32.750	32.732	32.747	*	32.695	32.673	32.694	32.696	32.684	32.687	32.860	33.041
12	32.735	32.740	32.745	*	32.697	32.687	32.688	32.693	32.676	32.682	32.864	33.032
13	32.733	32.742	32.739	*	32.699	32.681	32.693	32.697	32.675	32.703	32.880	33.042
14	32.738	32.737	32.741	*	32.699	32.685	32.691	32.689	32.679	32.706	*	33.042
15	32.742	32.742	32.736	*	32.699	32.688	32.694	32.695	32.677	32.709	*	33.043
16	32.739	32.736	32.737	*	32.709	32.685	32.690	32.688	32.676	32.714	*	33.043
17	32.740	32.736	32.739	*	32.704	32.687	32.690	32.691	32.681	32.722	*	33.051
18	32.737	32.731	32.737	*	32.701	32.687	32.690	32.696	32.682	32.725	*	33.042
19	32.737	32.737	32.740	*	32.704	32.685	32.693	32.694	32.676	32.725	*	33.041
20	32.730	32.738	32.742	*	32.695	32.681	32.696	32.689	32.677	32.732	*	33.051
21	32.737	32.739	32.741	*	32.700	32.684	32.694	32.689	32.675	32.737	*	33.046
22	32.737	32.740	32.742	*	32.693	32.689	32.691	32.701	32.686	32.742	*	33.047
23	32.740	32.741	32.735	*	32.698	32.690	32.692	32.693	32.682	32.736	*	33.044
24	32.739	32.736	32.740	*	32.691	32.680	32.682	32.693	32.670	32.752	*	33.049
25	32.740	32.734	32.740	*	32.688	32.686	32.690	32.706	32.673	32.757	*	33.044
26	32.737	32.733	32.733	*	32.693	32.682	32.681	32.696	32.669	32.765	*	33.048
27	32.734	32.734	32.746	*	32.691	32.683	32.686	32.703	32.678	32.770	33.061	33.054
28	32.733	32.729	32.738	*	32.689	32.682	32.689	32.692	32.676	32.784	33.040	33.051
29	32.735	--	32.738	*	32.694	32.681	32.688	32.695	32.681	32.782	33.047	33.040
30	32.728	--	32.739	*	32.683	32.677	32.684	32.685	32.681	32.786	33.049	33.047
31	32.735	--	32.742	--	32.685	--	32.684	32.689	--	32.800	--	33.048
月平均	32.740	32.736	32.742	32.747	32.697	32.682	32.689	32.694	32.678	32.721	32.887	33.046
本月最高	32.774	32.749	32.761	32.749	32.729	32.690	32.696	32.706	32.688	32.800	33.061	33.054
本月最低	32.728	32.728	32.732	32.744	32.683	32.672	32.680	32.685	32.669	32.667	32.803	33.032

表 3-57 SA04 冷泉公園監測井日均水位數值

水位	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	1.761	2.678	2.907	2.899	2.544	2.739	2.946	3.097	3.065	2.485	2.461	2.618
2	1.721	2.668	2.912	2.752	2.522	2.773	2.951	3.073	3.085	2.539	2.543	2.618
3	1.778	2.590	2.902	2.780	2.518	2.788	2.962	3.069	3.081	2.562	2.552	2.656
4	1.982	2.553	2.896	2.826	2.512	2.794	2.971	3.075	3.036	2.586	2.537	2.718
5	2.170	2.563	2.776	2.809	2.494	2.806	3.004	3.074	2.994	2.592	2.501	2.647
6	2.254	2.578	2.772	2.813	2.500	2.839	3.042	3.075	3.026	2.582	2.529	2.400
7	2.296	2.589	2.859	2.806	2.405	2.861	3.042	3.078	3.039	2.628	2.529	2.332
8	2.361	2.603	2.740	2.817	2.456	2.871	3.050	3.082	3.051	2.612	2.560	2.438
9	2.150	2.620	2.666	2.814	2.471	2.874	3.031	2.964	3.055	2.566	2.532	2.448
10	2.198	2.683	2.727	2.771	2.489	2.881	3.046	3.023	3.074	2.605	2.566	2.440
11	2.337	2.737	2.800	2.732	2.542	2.839	3.066	3.071	3.063	2.627	2.590	2.488
12	2.386	2.724	2.792	2.807	2.507	2.853	3.069	3.069	3.057	2.636	2.602	2.568
13	2.385	2.751	2.819	2.802	2.471	2.848	3.076	3.070	3.082	2.649	2.618	2.599
14	2.290	2.799	2.778	2.798	2.504	2.852	3.065	3.070	3.073	2.669	2.608	2.613
15	2.382	2.824	2.818	2.785	2.524	2.896	3.064	3.081	3.072	2.665	2.644	2.621
16	2.208	2.814	2.809	2.789	2.536	2.901	3.070	3.080	3.069	2.676	2.664	2.600
17	2.160	2.792	2.796	2.807	2.505	2.911	3.070	3.090	3.085	2.707	2.667	2.606
18	2.283	2.819	2.774	2.832	2.548	2.925	3.041	3.087	3.087	2.702	2.641	2.615
19	2.336	2.847	2.808	2.834	2.570	2.934	3.072	3.067	3.058	2.703	2.593	2.607
20	2.341	2.849	2.779	2.836	2.563	2.911	3.082	3.091	3.087	2.717	2.596	2.646
21	2.353	2.835	2.770	2.812	2.584	2.890	3.086	3.098	3.082	2.718	2.565	2.610
22	2.432	2.855	2.851	2.831	2.596	2.897	3.103	3.108	3.083	2.741	2.585	2.605
23	2.496	2.868	2.898	2.869	2.592	2.893	3.080	3.096	3.090	2.748	2.605	2.658
24	2.497	2.857	2.814	2.873	2.637	2.885	3.066	3.054	3.096	2.737	2.613	2.665
25	2.567	2.862	2.710	2.813	2.641	2.905	3.080	3.033	3.106	2.766	2.620	2.672
26	2.575	2.868	2.846	2.869	2.648	2.918	3.105	3.060	3.067	2.777	2.572	2.666
27	2.563	2.886	2.802	2.336	2.666	2.929	3.118	3.064	2.822	2.771	2.597	2.741
28	2.623	2.895	2.789	2.170	2.672	2.939	3.126	3.052	2.843	2.759	2.593	2.741
29	2.631	--	2.860	2.456	2.741	2.942	3.120	3.061	2.750	2.779	2.616	2.721
30	2.647	--	2.956	2.555	2.730	2.945	3.107	3.049	2.605	2.763	2.605	2.733
31	2.659	--	2.970	--	2.738	--	3.108	3.054	--	2.454	--	2.778
月平均	2.317	2.750	2.819	2.756	2.562	2.875	3.059	3.068	3.026	2.662	2.584	2.609
本月最高	2.659	2.895	2.970	2.899	2.741	2.945	3.126	3.108	3.106	2.779	2.667	2.778
本月最低	1.721	2.553	2.666	2.170	2.405	2.739	2.946	2.964	2.605	2.454	2.461	2.332

表 3-58 YS01 員山溫泉監測井日均溫(淺部)數值

淺水溫	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	37.596	38.932	39.133	37.994	38.451	36.537	37.446	37.630	37.988	38.839	39.741	39.654
2	37.650	39.473	39.076	37.807	38.108	36.967	37.102	37.803	37.482	38.219	39.496	39.690
3	37.286	39.258	39.127	38.379	38.426	34.775	36.876	36.972	37.565	37.194	40.362	39.481
4	38.775	39.095	37.796	38.632	38.476	36.897	37.541	36.574	37.436	37.442	38.025	38.488
5	38.098	38.489	36.976	38.719	37.517	36.102	37.477	36.818	37.596	38.377	39.722	38.465
6	40.221	39.124	37.401	39.090	37.431	36.107	37.982	37.147	37.419	40.462	38.989	39.383
7	39.279	39.271	38.270	38.983	38.626	36.201	37.698	37.286	37.787	38.484	38.058	40.976
8	39.906	39.244	38.370	37.453	37.650	34.607	36.815	37.457	37.819	38.100	38.242	40.230
9	39.358	39.024	36.868	37.893	37.822	36.670	37.912	38.137	37.688	37.925	40.294	38.894
10	39.077	37.783	37.889	37.176	37.933	36.450	36.736	38.625	37.862	37.935	40.252	39.066
11	38.400	37.622	35.043	36.985	37.654	36.697	37.609	36.970	38.018	38.179	39.117	38.857
12	37.309	38.790	36.292	38.598	36.159	36.245	37.464	37.465	37.671	37.688	39.678	38.925
13	38.563	37.732	38.741	39.953	38.677	37.184	36.773	37.873	38.135	38.205	38.293	39.038
14	37.579	38.955	39.051	37.998	37.227	36.887	36.715	37.476	37.619	38.816	39.249	39.771
15	37.415	38.818	38.704	37.611	37.487	36.570	37.082	37.473	37.954	38.487	38.836	39.527
16	38.788	37.175	38.935	36.881	37.699	36.825	37.734	37.341	37.658	38.810	39.569	39.766
17	38.375	37.174	40.032	37.435	36.709	36.397	38.921	37.871	36.576	38.709	40.100	39.113
18	38.570	38.567	38.468	37.116	37.505	37.265	38.525	38.016	38.998	37.950	39.717	38.795
19	39.154	38.078	38.635	37.803	38.135	36.531	37.022	37.737	39.616	39.356	40.165	39.531
20	38.122	36.348	37.418	37.521	37.260	36.747	37.392	38.351	38.215	38.907	39.747	39.661
21	38.549	38.318	36.141	37.837	36.718	36.473	37.121	38.095	38.666	38.951	40.016	39.798
22	38.652	38.782	37.573	37.104	37.427	36.866	36.965	37.875	38.400	38.266	40.329	38.582
23	39.592	39.012	38.465	37.143	37.128	37.098	36.618	37.872	38.073	38.756	40.356	39.133
24	39.328	39.174	38.166	37.143	36.626	37.105	36.968	39.012	38.485	38.228	40.191	38.587
25	39.449	37.703	38.367	37.418	37.475	37.146	37.328	38.334	37.496	38.195	39.115	39.713
26	39.539	37.519	38.592	37.556	37.336	36.717	37.744	37.714	37.917	39.211	39.912	39.460
27	38.269	39.389	37.587	37.978	36.984	37.770	37.835	38.140	38.119	38.547	39.324	40.709
28	39.009	38.896	38.541	39.440	36.581	36.962	37.256	38.152	38.154	38.550	40.428	39.391
29	41.149	--	38.458	37.706	35.046	37.726	37.571	37.623	37.856	38.978	40.938	40.034
30	37.576	--	38.571	37.335	36.582	37.999	37.249	37.585	37.856	38.230	40.518	39.142
31	39.095	--	38.404	--	36.264	--	37.278	37.981	--	38.820	--	40.177
月平均	38.701	38.491	38.100	37.890	37.391	36.684	37.379	37.723	37.937	38.478	39.626	39.421
本月最高	41.149	39.473	40.032	39.953	38.677	37.999	38.921	39.012	39.616	40.462	40.938	40.976
本月最低	37.286	36.348	35.043	36.881	35.046	34.607	36.618	36.574	36.576	37.194	38.025	38.465

表 3-59 YS01 員山溫泉監測井日均水位數值

水位	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	1.114	0.335	1.817	2.025	2.300	2.274	2.396	2.538	2.451	2.196	2.299	2.617
2	0.850	0.270	1.869	2.033	2.266	2.265	2.401	2.559	2.450	2.267	2.456	2.671
3	1.876	0.264	1.896	2.124	2.265	2.265	2.368	2.604	2.468	2.274	2.562	2.689
4	1.380	0.294	1.874	2.142	2.283	2.296	2.389	2.612	2.451	2.298	2.436	2.629
5	0.805	0.311	1.838	2.172	2.276	2.305	2.393	2.576	2.439	2.369	2.526	2.630
6	0.725	0.329	1.871	2.215	2.270	2.305	2.386	2.572	2.445	2.463	2.503	2.620
7	0.628	0.346	1.871	2.244	2.275	2.312	2.382	2.539	2.461	2.364	2.505	2.653
8	0.618	0.397	1.844	2.144	2.232	2.287	2.358	2.548	2.402	2.395	2.507	2.647
9	0.551	0.505	1.802	2.206	2.262	2.304	2.352	2.450	2.393	2.368	2.646	2.578
10	0.505	0.642	1.787	2.228	2.240	2.310	2.350	2.451	2.422	2.382	2.650	2.585
11	0.506	0.712	1.823	2.217	2.244	2.289	2.355	2.392	2.459	2.402	2.552	2.610
12	0.447	0.948	1.797	2.259	2.186	2.248	2.352	2.457	2.458	2.413	2.515	2.620
13	0.418	1.016	1.878	2.234	2.270	2.237	2.326	2.462	2.476	2.426	2.554	2.651
14	0.382	1.076	1.852	2.261	2.233	2.234	2.380	2.446	2.479	2.441	2.592	2.697
15	0.377	1.080	1.881	2.264	2.262	2.234	2.403	2.458	2.503	2.423	2.567	2.689
16	0.340	1.163	1.884	2.228	2.231	2.248	2.442	2.483	2.517	2.442	2.592	2.699
17	0.361	1.182	1.920	2.197	2.196	2.260	2.423	2.507	2.503	2.456	2.694	2.673
18	0.353	1.161	1.922	2.313	2.197	2.279	2.352	2.477	2.565	2.487	2.606	2.646
19	0.336	1.163	1.855	2.307	2.211	2.261	2.364	2.425	2.601	2.560	2.638	2.696
20	0.326	1.242	1.854	2.307	2.177	2.278	2.410	2.458	2.552	2.557	2.630	2.716
21	0.284	1.275	1.878	2.303	2.179	2.288	2.423	2.425	2.589	2.559	2.641	2.729
22	0.274	1.408	1.901	2.314	2.207	2.311	2.384	2.435	2.602	2.537	2.636	2.657
23	0.290	1.651	1.945	2.319	2.236	2.334	2.360	2.464	2.631	2.583	2.658	2.648
24	0.284	1.732	1.944	2.307	2.226	2.319	2.377	2.439	2.625	2.568	2.624	2.655
25	0.298	1.706	1.965	2.332	2.249	2.328	2.436	2.422	2.586	2.600	2.561	2.726
26	0.251	1.700	1.953	2.336	2.267	2.294	2.437	2.423	2.616	2.640	2.647	2.724
27	0.344	1.742	1.943	2.321	2.288	2.313	2.441	2.463	2.568	2.591	2.616	2.808
28	0.363	1.742	2.025	2.313	2.253	2.329	2.455	2.452	2.525	2.606	2.677	2.715
29	0.236	--	2.065	2.284	2.226	2.346	2.482	2.448	1.987	2.617	2.737	2.757
30	0.384	--	2.046	2.290	2.277	2.376	2.493	2.448	2.181	2.598	2.701	2.696
31	0.399	--	2.044	--	2.274	--	2.513	2.465	--	2.417	--	2.733
月平均	0.526	0.978	1.898	2.241	2.244	2.291	2.400	2.481	2.480	2.461	2.584	2.673
本月最高	1.876	1.742	2.065	2.336	2.300	2.376	2.513	2.612	2.631	2.640	2.737	2.808
本月最低	0.236	0.264	1.787	2.025	2.177	2.234	2.326	2.392	1.987	2.196	2.299	2.578

表 3-60 YS02 員山溫泉監測井日均溫(淺部)數值

淺水溫	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	34.027	32.946	31.226	30.943	29.391	32.902	37.339	34.254	33.439	30.453	31.799	31.750
2	33.418	37.578	31.709	31.233	25.661	35.250	36.217	33.546	32.351	30.946	32.509	30.625
3	33.361	37.903	33.615	34.011	27.078	34.535	33.805	38.812	31.693	31.755	35.891	28.269
4	37.505	35.290	29.716	34.977	27.978	35.994	34.501	39.507	29.764	34.298	27.574	29.614
5	39.446	37.106	30.069	34.930	29.813	37.590	35.948	35.376	29.959	29.579	27.183	23.229
6	37.959	37.664	35.640	33.241	24.776	38.602	36.021	36.749	32.837	26.062	30.928	24.560
7	37.731	35.508	29.741	32.358	25.640	37.774	35.057	36.027	32.664	29.998	32.028	32.054
8	36.004	32.153	31.164	33.646	28.749	39.256	35.447	33.093	32.778	31.617	30.191	33.711
9	33.052	32.104	34.115	33.835	26.514	38.136	35.313	32.225	31.672	30.491	33.459	37.289
10	36.168	34.288	37.539	31.100	26.705	36.824	35.460	35.513	32.438	32.980	32.157	34.759
11	36.754	32.322	33.381	28.248	30.796	33.613	33.078	36.127	33.519	33.949	28.656	31.095
12	37.314	32.104	32.369	29.898	32.764	32.598	33.664	33.840	32.735	33.997	30.329	30.879
13	37.678	32.338	34.267	28.482	31.157	32.606	34.286	32.258	35.407	31.523	31.529	35.575
14	36.215	30.632	34.516	31.017	31.186	34.128	35.467	34.243	35.249	30.953	31.069	36.576
15	35.817	33.572	32.894	30.525	28.791	35.608	34.782	33.305	32.449	28.332	34.445	35.058
16	32.754	35.696	35.334	27.728	32.240	36.704	34.937	33.107	31.619	32.882	36.456	30.681
17	34.401	34.384	35.453	29.152	31.080	36.546	33.536	33.029	32.044	31.936	31.245	32.739
18	35.764	27.802	36.448	30.396	31.281	36.417	32.162	33.159	32.513	29.715	29.620	28.550
19	37.408	28.315	33.449	29.146	33.565	36.199	33.451	31.470	35.452	27.295	31.376	35.952
20	33.110	31.327	33.161	30.606	30.318	37.362	33.581	31.883	33.542	28.007	32.178	30.557
21	31.695	34.660	34.560	29.945	30.099	37.992	34.105	33.052	32.571	28.990	30.168	37.271
22	34.235	39.050	32.151	31.038	30.803	36.989	32.653	35.400	33.899	28.288	26.173	31.733
23	33.810	30.290	30.846	31.933	30.778	35.545	32.892	33.060	31.541	30.258	31.038	31.808
24	35.555	29.477	31.333	31.466	31.030	35.260	33.016	32.236	29.335	29.912	34.440	31.355
25	32.742	28.974	31.176	31.876	31.644	35.968	33.103	35.023	29.757	30.098	32.829	30.908
26	31.857	27.646	32.976	31.025	33.825	35.710	33.886	34.884	29.421	31.611	30.771	29.887
27	33.938	29.870	34.370	27.041	33.153	36.129	34.410	36.465	30.522	30.440	30.996	30.715
28	34.465	31.104	33.465	29.361	32.613	36.772	34.188	37.836	30.213	31.796	31.453	30.224
29	32.681	--	34.135	30.561	32.590	36.935	35.328	36.506	29.681	32.955	34.272	34.613
30	34.586	--	32.041	30.326	32.050	37.155	34.132	33.286	28.565	27.226	29.250	36.225
31	34.069	--	33.720	--	31.854	--	34.065	33.494	--	29.763	--	35.032
月平均	35.017	32.932	33.115	31.001	30.191	36.103	34.382	34.476	31.988	30.584	31.400	32.042
本月最高	39.446	39.050	37.539	34.977	33.825	39.256	37.339	39.507	35.452	34.298	36.456	37.289
本月最低	31.695	27.646	29.716	27.041	24.776	32.598	32.162	31.470	28.565	26.062	26.173	23.229

表 3-61 YS02 員山溫泉監測井日均水位數值

水位	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	-1.937	-1.283	-1.517	-1.783	-1.819	-1.848	-2.010	-2.283	-2.468	-2.942	-2.445	-1.858
2	-1.964	-1.981	-1.936	-1.883	-1.653	-1.869	-2.099	-2.020	-2.516	-3.485	-2.135	-1.424
3	-2.250	-2.453	-2.216	-1.877	-1.838	-1.733	-2.137	-1.634	-3.085	-2.825	-2.039	-1.545
4	-2.249	-1.753	-2.267	-1.930	-1.732	-1.899	-2.224	-1.411	-2.929	-2.503	-2.946	-1.729
5	-1.853	-1.761	-2.052	-2.085	-1.670	-1.734	-1.982	-1.716	-2.822	-3.335	-2.438	-2.120
6	-2.013	-1.500	-1.831	-2.080	-1.897	-1.795	-2.012	-1.593	-2.682	-3.487	-2.158	-2.021
7	-2.623	-1.689	-1.770	-2.076	-1.927	-1.692	-2.129	-1.654	-2.574	-2.934	-2.159	-1.875
8	-2.748	-1.606	-1.401	-2.148	-1.661	-1.544	-2.204	-1.606	-2.477	-2.620	-2.351	-1.698
9	-2.766	-2.306	-1.985	-2.008	-1.996	-1.963	-2.012	-1.814	-2.867	-2.619	-1.526	-1.360
10	-2.368	-2.063	-1.120	-2.080	-1.927	-2.026	-2.122	-1.664	-3.037	-2.490	-1.948	-2.209
11	-2.377	-1.830	-2.129	-2.024	-1.814	-1.984	-2.409	-1.230	-2.635	-2.425	-2.239	-2.181
12	-2.772	-2.268	-1.806	-1.926	-1.654	-1.996	-2.253	-1.778	-2.914	-2.684	-2.256	-2.167
13	-2.509	-1.888	-1.702	-2.100	-2.091	-2.073	-2.044	-1.829	-2.253	-2.633	-2.248	-1.781
14	-2.734	-2.338	-1.734	-2.112	-2.032	-2.100	-1.872	-1.794	-2.230	-2.781	-2.180	-1.099
15	-2.415	-1.953	-1.796	-1.926	-2.117	-2.113	-2.148	-1.820	-2.559	-3.058	-1.218	-1.778
16	-2.662	-1.876	-1.794	-2.051	-1.935	-1.856	-2.059	-1.906	-3.042	-2.234	-1.508	-2.195
17	-2.597	-2.182	-1.820	-2.109	-1.889	-2.090	-1.883	-2.219	-2.902	-2.787	-2.200	-2.421
18	-1.874	-2.466	-1.970	-1.897	-2.155	-2.057	-2.250	-1.894	-2.631	-2.864	-2.300	-2.482
19	-2.295	-2.525	-2.008	-1.842	-1.937	-2.122	-2.229	-1.957	-1.786	-3.453	-1.514	-1.448
20	-2.759	-1.992	-1.920	-1.789	-2.110	-2.131	-2.487	-1.818	-2.347	-3.512	-1.849	-1.703
21	-2.629	-1.374	-1.521	-1.881	-2.245	-2.104	-2.291	-1.919	-2.625	-3.308	-2.016	-1.223
22	-2.122	-1.490	-1.978	-1.856	-2.004	-2.168	-2.307	-1.557	-2.403	-3.454	-2.922	-1.928
23	-1.976	-2.273	-1.908	-1.928	-1.854	-2.063	-2.091	-2.063	-2.588	-2.923	-2.431	-1.695
24	-2.521	-2.250	-1.445	-2.004	-1.949	-1.987	-2.101	-2.022	-2.843	-2.967	-2.268	-1.706
25	-2.537	-1.792	-1.920	-1.867	-2.067	-1.932	-2.190	-1.756	-2.917	-3.356	-2.204	-2.145
26	-2.692	-2.166	-2.029	-1.869	-1.777	-2.024	-2.217	-2.033	-2.882	-2.793	-2.221	-2.156
27	-1.893	-2.117	-1.804	-1.896	-1.984	-2.130	-2.080	-1.798	-2.616	-2.668	-2.006	-1.536
28	-2.506	-1.816	-1.838	-1.918	-2.171	-2.029	-2.153	-1.825	-2.535	-2.290	-2.173	-1.634
29	-2.446	--	-2.129	-1.917	-1.836	-2.028	-2.021	-2.116	-2.889	-2.173	-2.099	-1.139
30	-2.429	--	-1.817	-2.046	-2.068	-2.024	-2.291	-2.233	-3.077	-3.002	-1.945	-1.496
31	-2.484	--	-1.850	--	-1.990	--	-2.277	-2.275	--	-2.618	--	-1.109
月平均	-2.387	-1.964	-1.839	-1.964	-1.929	-1.970	-2.148	-1.846	-2.671	-2.878	-2.131	-1.770
本月最高	-1.853	-1.283	-1.120	-1.783	-1.653	-1.544	-1.872	-1.230	-1.786	-2.173	-1.218	-1.099
本月最低	-2.772	-2.525	-2.267	-2.148	-2.245	-2.168	-2.487	-2.283	-3.085	-3.512	-2.946	-2.482

表 3-62 水利署 3 號停車場淺監測井日均溫數值

水溫	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	37.558	36.642	36.356	35.757	35.763	36.251	36.826	37.345	37.881	37.832	37.871	37.594
2	37.354	36.621	36.362	35.713	35.764	36.273	36.819	37.359	37.897	37.836	37.892	37.606
3	37.164	36.575	36.327	35.659	35.817	36.281	36.832	37.403	37.878	37.836	37.895	37.593
4	37.065	36.500	36.232	35.669	35.887	36.274	36.817	37.413	37.872	37.867	37.875	37.570
5	36.979	36.495	36.163	35.747	36.096	36.308	36.814	37.448	37.878	37.880	37.845	37.504
6	37.001	36.549	36.177	35.764	36.112	36.291	36.844	37.447	37.893	37.887	37.840	37.479
7	36.920	36.542	36.103	35.750	36.101	36.332	36.869	37.484	37.914	37.878	37.799	37.515
8	36.884	36.628	36.110	35.588	36.088	36.376	36.871	37.508	37.940	37.879	37.805	37.581
9	36.873	36.680	36.121	35.558	36.061	36.412	36.892	37.517	37.936	37.875	37.836	37.465
10	36.752	36.559	36.144	35.580	36.079	36.419	36.914	37.540	37.944	37.865	37.852	37.359
11	36.761	36.514	36.071	35.571	36.081	36.447	36.931	37.555	37.939	37.927	37.823	37.304
12	36.735	36.480	35.996	35.617	36.102	36.446	36.944	37.573	37.947	37.937	37.761	37.235
13	36.812	36.421	35.979	35.645	36.037	36.451	36.995	37.594	37.956	37.928	37.753	37.259
14	36.806	36.380	35.905	35.661	36.003	36.471	37.008	37.599	37.967	37.915	37.738	37.267
15	36.697	36.385	35.946	35.645	36.046	36.506	37.039	37.607	37.995	37.912	37.739	37.276
16	36.720	36.372	35.951	35.648	36.009	36.522	37.039	37.627	38.010	37.918	37.756	37.220
17	36.714	36.445	35.990	35.609	36.055	36.541	37.071	37.647	38.009	37.909	37.782	37.139
18	36.741	36.357	35.898	35.619	36.041	36.538	37.077	37.682	38.012	37.923	37.722	37.090
19	36.735	36.290	35.857	35.656	36.101	36.553	37.097	37.696	38.008	37.943	37.693	37.032
20	36.734	36.301	35.834	35.664	36.082	36.567	37.143	37.705	38.014	37.972	37.657	37.066
21	36.797	36.250	35.733	35.714	36.096	36.585	37.159	37.726	38.035	37.952	37.622	37.088
22	36.781	36.277	35.723	35.673	36.116	36.627	37.169	37.712	38.068	37.938	37.614	37.099
23	36.785	36.309	35.825	35.637	36.116	36.684	37.197	37.766	38.068	37.918	37.616	37.056
24	36.733	36.441	35.951	35.676	36.141	36.684	37.227	37.798	38.041	37.886	37.627	36.975
25	36.738	36.333	35.819	35.643	36.173	36.702	37.223	37.829	38.023	37.918	37.604	36.942
26	36.720	36.259	35.781	35.655	36.254	36.695	37.247	37.839	38.025	37.928	37.566	36.868
27	36.814	36.219	35.753	35.731	36.227	36.709	37.260	37.832	38.016	37.944	37.535	36.972
28	36.758	36.224	35.656	35.751	36.230	36.743	37.293	37.830	37.972	37.922	37.497	37.067
29	36.685	--	35.685	35.781	36.234	36.776	37.295	37.833	37.971	37.896	37.558	37.049
30	36.645	--	35.696	35.747	36.239	36.799	37.321	37.849	37.933	37.890	37.562	36.963
31	36.567	--	35.768	--	36.285	--	37.348	37.848	--	37.874	--	36.902
月平均	36.840	36.430	35.965	35.671	36.079	36.509	37.051	37.633	37.968	37.903	37.725	37.230
本月最高	37.558	36.680	36.362	35.781	36.285	36.799	37.348	37.849	38.068	37.972	37.895	37.606
本月最低	36.567	36.219	35.656	35.558	35.763	36.251	36.814	37.345	37.872	37.832	37.497	36.868

表 3-63 水利署 3 號停車場淺監測井日均水位數值

水位	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	2.679	2.561	2.820	2.591	2.290	2.044	2.088	2.081	2.112	1.790	2.440	2.790
2	2.426	2.486	2.770	2.501	2.264	1.987	2.080	2.197	2.042	1.804	2.488	2.823
3	2.172	2.488	2.687	2.478	2.348	1.931	2.054	2.226	2.018	1.806	2.459	2.804
4	2.162	2.375	2.570	2.449	2.401	1.917	2.058	2.232	2.002	1.904	2.430	2.767
5	2.158	2.442	2.549	2.679	2.318	1.955	2.124	2.151	1.970	1.951	2.413	2.598
6	2.229	2.542	2.555	2.707	2.287	1.861	2.203	2.120	2.071	1.998	2.366	2.727
7	2.129	2.552	2.417	2.544	2.215	2.053	2.186	2.119	2.079	1.976	2.266	2.914
8	2.143	2.818	2.540	2.318	2.183	2.075	2.149	2.044	2.073	2.022	2.497	2.943
9	2.157	2.715	2.580	2.293	2.074	2.042	2.141	1.953	2.015	2.034	2.626	2.766
10	2.014	2.610	2.552	2.398	2.167	2.017	2.173	2.069	2.018	2.126	2.628	2.585
11	2.085	2.629	2.450	2.315	2.145	1.969	2.132	2.083	1.972	2.289	2.523	2.619
12	2.206	2.496	2.391	2.549	2.122	1.940	2.246	2.033	1.930	2.259	2.467	2.502
13	2.249	2.499	2.438	2.546	2.004	1.884	2.244	2.016	2.102	2.159	2.466	2.688
14	2.197	2.407	2.309	2.554	2.030	1.987	2.238	2.017	2.154	2.159	2.506	2.796
15	2.117	2.501	2.536	2.497	2.025	1.994	2.207	1.980	2.126	2.208	2.644	2.772
16	2.216	2.599	2.583	2.463	1.940	2.002	2.176	2.053	2.084	2.219	2.693	2.672
17	2.154	2.621	2.574	2.410	2.040	1.940	2.153	2.130	2.081	2.173	2.676	2.622
18	2.310	2.474	2.430	2.304	2.038	1.949	2.126	2.159	2.097	2.287	2.607	2.598
19	2.297	2.434	2.420	2.415	2.043	1.933	2.244	2.098	2.074	2.455	2.546	2.519
20	2.404	2.461	2.422	2.440	1.973	1.890	2.263	2.075	2.254	2.446	2.557	2.748
21	2.432	2.352	2.264	2.432	1.967	1.978	2.236	2.020	2.356	2.375	2.423	2.730
22	2.508	2.516	2.444	2.339	1.989	2.154	2.219	1.985	2.399	2.310	2.556	2.759
23	2.464	2.662	2.646	2.286	1.889	2.115	2.232	2.071	2.254	2.286	2.608	2.737
24	2.383	2.743	2.671	2.296	2.019	2.074	2.159	2.129	2.286	2.205	2.629	2.629
25	2.414	2.581	2.573	2.205	2.079	2.074	2.095	2.120	2.231	2.385	2.578	2.604
26	2.552	2.442	2.515	2.352	2.104	1.960	2.166	2.085	2.161	2.481	2.552	2.554
27	2.638	2.507	2.424	2.501	2.033	1.933	2.187	2.035	2.203	2.475	2.525	2.868
28	2.542	2.563	2.275	2.433	2.019	2.013	2.221	2.019	2.175	2.415	2.473	2.978
29	2.491	--	2.410	2.372	2.078	2.144	2.163	1.964	1.997	2.348	2.704	2.975
30	2.424	--	2.513	2.327	1.980	2.143	2.179	1.992	1.783	2.385	2.792	2.806
31	2.362	--	2.591	--	2.074	--	2.129	2.069	--	2.323	--	2.816
月平均	2.313	2.538	2.514	2.433	2.101	1.999	2.170	2.075	2.104	2.195	2.538	2.732
本月最高	2.679	2.818	2.820	2.707	2.401	2.154	2.263	2.232	2.399	2.481	2.792	2.978
本月最低	2.014	2.352	2.264	2.205	1.889	1.861	2.054	1.953	1.783	1.790	2.266	2.502

表 3-64 水利署 8 號奇立丹淺監測井日均溫數值

水溫	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	26.776	26.197	25.964	25.660	25.780	25.901	26.173	26.556	26.926	27.049	27.373	26.916
2	26.714	26.196	25.972	25.665	25.781	25.922	26.182	26.572	26.936	27.058	27.357	26.882
3	26.655	26.195	25.967	25.637	25.781	25.923	26.198	26.584	26.946	27.069	27.350	26.840
4	26.613	26.179	25.968	25.633	25.771	25.933	26.213	26.597	26.954	27.076	27.333	26.810
5	26.605	26.166	25.948	25.620	25.790	25.942	26.220	26.613	26.961	27.084	27.308	26.777
6	26.588	26.173	25.941	25.637	25.796	25.949	26.229	26.622	26.971	27.086	27.295	26.718
7	26.572	26.166	25.930	25.657	25.764	25.954	26.242	26.640	26.980	27.123	27.302	26.660
8	26.550	26.160	25.885	25.645	25.745	25.970	26.257	26.649	26.992	27.164	27.290	26.656
9	26.539	26.160	25.835	25.656	25.755	25.986	26.262	26.664	26.999	27.210	27.276	26.603
10	26.531	26.159	25.809	25.664	25.754	25.991	26.278	26.673	27.010	27.245	27.265	26.552
11	26.540	26.136	25.787	25.667	25.739	26.011	26.286	26.690	27.019	27.286	27.245	26.522
12	26.528	26.135	25.771	25.682	25.769	26.016	26.294	26.703	27.030	27.334	27.223	26.506
13	26.516	26.096	25.738	25.680	25.781	26.027	26.312	26.710	27.033	27.375	27.210	26.487
14	26.514	26.100	25.729	25.683	25.790	26.029	26.321	26.725	27.045	27.405	27.197	26.482
15	26.486	26.093	25.714	25.668	25.801	26.024	26.339	26.736	27.053	27.428	27.180	26.492
16	26.472	26.082	25.716	25.660	25.813	26.028	26.349	26.751	27.061	27.447	27.168	26.484
17	26.453	26.095	25.727	25.650	25.828	26.044	26.362	26.758	27.069	27.457	27.163	26.469
18	26.436	26.089	25.693	25.648	25.834	26.051	26.376	26.771	27.077	27.459	27.149	26.449
19	26.412	26.063	25.684	25.659	25.854	26.063	26.379	26.785	27.085	27.462	27.128	26.430
20	26.401	26.062	25.695	25.659	25.865	26.071	26.396	26.795	27.089	27.469	27.098	26.413
21	26.400	26.051	25.673	25.672	25.864	26.079	26.411	26.808	27.090	27.471	27.067	26.405
22	26.372	26.047	25.682	25.683	25.859	26.083	26.419	26.815	27.092	27.460	27.042	26.391
23	26.371	26.054	25.685	25.690	25.857	26.097	26.436	26.832	27.087	27.461	27.032	26.391
24	26.351	26.053	25.710	25.707	25.853	26.108	26.450	26.840	27.088	27.457	27.021	26.372
25	26.304	26.031	25.692	25.722	25.860	26.122	26.458	26.853	27.081	27.454	27.016	26.373
26	26.296	26.007	25.669	25.737	25.870	26.126	26.471	26.863	27.081	27.449	27.004	26.345
27	26.281	25.983	25.668	25.738	25.871	26.139	26.489	26.871	27.078	27.447	26.983	26.349
28	26.274	25.951	25.657	25.758	25.888	26.149	26.498	26.885	27.070	27.435	26.968	26.333
29	26.241	--	25.654	25.759	25.878	26.148	26.516	26.893	27.067	27.426	26.949	26.333
30	26.222	--	25.649	25.770	25.882	26.166	26.532	26.905	27.069	27.408	26.926	26.302
31	26.206	--	25.670	--	25.889	--	26.548	26.913	--	27.388	--	26.277
月平均	26.459	26.103	25.770	25.679	25.818	26.035	26.351	26.744	27.035	27.327	27.164	26.517
本月最高	26.776	26.197	25.972	25.770	25.889	26.166	26.548	26.913	27.092	27.471	27.373	26.916
本月最低	26.206	25.951	25.649	25.620	25.739	25.901	26.173	26.556	26.926	27.049	26.926	26.277

表 3-65 水利署 8 號奇立丹淺監測井日均水位數值

水位	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	0.954	0.931	1.095	1.032	0.840	0.498	0.643	0.624	0.497	0.192	0.463	0.721
2	0.780	0.950	1.144	1.033	0.846	0.441	0.638	0.688	0.445	0.191	0.484	0.787
3	0.683	0.910	1.109	0.968	0.791	0.393	0.632	0.716	0.455	0.221	0.490	0.797
4	0.550	0.897	1.045	1.040	0.736	0.402	0.626	0.738	0.467	0.256	0.460	0.766
5	0.481	0.955	0.985	1.092	0.714	0.421	0.643	0.689	0.484	0.237	0.453	0.756
6	0.526	0.970	1.019	1.130	0.692	0.427	0.722	0.654	0.472	0.162	0.447	0.752
7	0.480	0.970	1.079	1.053	0.638	0.499	0.689	0.634	0.490	0.134	0.432	0.792
8	0.475	1.070	1.024	0.948	0.605	0.539	0.683	0.598	0.486	0.144	0.492	0.746
9	0.490	1.110	1.014	0.939	0.605	0.520	0.683	0.504	0.447	0.162	0.572	0.620
10	0.447	1.033	0.930	0.953	0.589	0.512	0.699	0.482	0.462	0.222	0.579	0.508
11	0.441	1.009	0.869	0.982	0.568	0.506	0.716	0.465	0.445	0.274	0.535	0.512
12	0.494	0.987	0.814	1.058	0.564	0.470	0.740	0.450	0.457	0.291	0.520	0.543
13	0.541	0.938	0.801	1.057	0.490	0.455	0.756	0.428	0.510	0.250	0.538	0.539
14	0.509	0.975	0.806	1.053	0.468	0.474	0.762	0.419	0.560	0.230	0.566	0.649
15	0.490	0.957	0.870	1.026	0.460	0.457	0.754	0.444	0.548	0.277	0.621	0.679
16	0.519	1.008	0.947	0.952	0.459	0.462	0.733	0.453	0.538	0.311	0.664	0.598
17	0.596	1.048	0.977	0.902	0.481	0.426	0.738	0.497	0.536	0.340	0.664	0.576
18	0.625	0.999	0.893	0.901	0.480	0.447	0.747	0.516	0.553	0.312	0.625	0.592
19	0.620	0.968	0.877	0.860	0.443	0.447	0.791	0.499	0.597	0.396	0.600	0.611
20	0.673	0.931	0.832	0.891	0.409	0.473	0.789	0.476	0.616	0.459	0.610	0.663
21	0.762	0.920	0.786	0.882	0.400	0.503	0.795	0.428	0.689	0.431	0.608	0.681
22	0.830	0.948	0.915	0.825	0.429	0.567	0.772	0.432	0.692	0.387	0.595	0.685
23	0.827	1.119	1.011	0.795	0.432	0.590	0.755	0.439	0.621	0.399	0.601	0.676
24	0.795	1.191	1.059	0.774	0.438	0.576	0.745	0.484	0.627	0.408	0.612	0.621
25	0.754	1.073	0.961	0.792	0.502	0.565	0.705	0.496	0.596	0.434	0.591	0.645
26	0.869	0.996	0.954	0.830	0.541	0.556	0.666	0.469	0.619	0.492	0.581	0.632
27	0.981	0.912	0.887	0.903	0.496	0.561	0.652	0.436	0.596	0.509	0.592	0.723
28	0.914	1.008	0.848	0.875	0.486	0.566	0.660	0.435	0.557	0.479	0.594	0.819
29	0.888	--	0.873	0.819	0.527	0.630	0.615	0.432	0.415	0.464	0.646	0.837
30	0.861	--	0.945	0.798	0.530	0.653	0.619	0.423	0.249	0.471	0.702	0.786
31	0.809	--	1.004	--	0.521	--	0.604	0.466	--	0.474	--	0.749
月平均	0.666	0.992	0.948	0.939	0.554	0.501	0.702	0.513	0.524	0.323	0.565	0.679
本月最高	0.981	1.191	1.144	1.130	0.846	0.653	0.795	0.738	0.692	0.509	0.702	0.837
本月最低	0.441	0.897	0.786	0.774	0.400	0.393	0.604	0.419	0.249	0.134	0.432	0.508

表 3-66 水利署 9 號大排深監測井日均溫數值

水溫	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	35.132	35.342	35.537	35.678	36.215	36.641	36.955	37.011	37.320	37.637	37.662	37.549
2	35.118	35.366	35.561	35.709	36.174	36.669	36.958	37.011	37.322	37.805	37.674	37.487
3	35.133	35.390	35.575	35.740	36.165	36.715	36.955	36.996	37.318	37.840	37.676	37.451
4	35.130	35.401	35.532	35.764	36.234	36.750	36.950	37.012	37.327	37.880	37.685	37.462
5	35.175	35.408	35.542	35.788	36.280	36.779	36.958	37.028	37.333	37.906	37.644	37.434
6	35.222	35.412	35.561	35.790	36.291	36.801	36.966	37.055	37.332	37.928	37.642	37.337
7	35.214	35.438	35.524	35.811	36.229	36.816	36.977	37.082	37.339	37.959	37.634	37.341
8	35.243	35.394	35.477	35.838	36.258	36.822	36.980	37.100	37.318	37.945	37.619	37.388
9	35.235	35.414	35.509	35.850	36.319	36.826	36.982	37.063	37.312	37.900	37.611	37.406
10	35.231	35.433	35.539	35.854	36.313	36.834	36.989	37.125	37.379	37.919	37.601	37.432
11	35.290	35.437	35.552	35.821	36.358	36.801	37.003	37.254	37.369	37.918	37.596	37.417
12	35.315	35.452	35.589	35.803	36.407	36.754	36.981	37.290	37.376	37.912	37.576	37.413
13	35.313	35.466	35.599	35.820	36.420	36.751	36.978	37.290	37.383	37.909	37.584	37.437
14	35.331	35.475	35.603	35.851	36.487	36.767	36.982	37.290	37.391	37.896	37.567	37.444
15	35.331	35.500	35.557	35.838	36.519	36.787	36.984	37.307	37.403	37.881	37.549	37.465
16	35.303	35.488	35.577	35.817	36.520	36.817	36.969	37.305	37.399	37.868	37.539	37.469
17	35.294	35.476	35.607	35.837	36.532	36.861	36.968	37.310	37.393	37.870	37.545	37.473
18	35.276	35.485	35.614	35.880	36.526	36.883	36.991	37.327	37.381	37.867	37.554	37.487
19	35.316	35.507	35.651	35.912	36.535	36.902	37.015	37.292	37.372	37.849	37.520	37.471
20	35.333	35.523	35.668	35.945	36.565	36.911	37.022	37.285	37.353	37.833	37.520	37.455
21	35.308	35.537	35.693	35.942	36.510	36.926	37.003	37.330	37.322	37.801	37.464	37.432
22	35.270	35.539	35.676	35.986	36.563	36.924	36.995	37.367	37.331	37.783	37.493	37.475
23	35.276	35.456	35.622	36.053	36.590	36.923	36.992	37.374	37.331	37.783	37.543	37.465
24	35.318	35.483	35.631	36.086	36.589	36.903	37.015	37.319	37.327	37.772	37.584	37.469
25	35.323	35.497	35.659	36.138	36.617	36.900	37.009	37.300	37.327	37.759	37.609	37.490
26	35.276	35.507	35.661	36.172	36.644	36.897	37.007	37.325	37.314	37.751	37.578	37.528
27	35.295	35.514	35.687	36.150	36.675	36.905	37.034	37.333	37.287	37.735	37.568	37.484
28	35.323	35.520	35.716	36.172	36.651	36.923	37.020	37.332	37.335	37.727	37.560	37.500
29	35.339	--	35.738	36.221	36.618	36.935	37.011	37.332	37.446	37.723	37.538	37.511
30	35.348	--	35.720	36.254	36.658	36.947	37.007	37.328	37.593	37.712	37.539	37.493
31	35.371	--	35.709	--	36.691	--	37.011	37.319	--	37.674	--	37.449
月平均	35.270	35.459	35.609	35.917	36.457	36.836	36.989	37.229	37.358	37.830	37.582	37.455
本月最高	35.371	35.539	35.738	36.254	36.691	36.947	37.034	37.374	37.593	37.959	37.685	37.549
本月最低	35.118	35.342	35.477	35.678	36.165	36.641	36.950	36.996	37.287	37.637	37.464	37.337

表 3-67 水利署 9 號大排深監測井日均水位數值

水位	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	2.005	1.876	2.129	1.962	1.809	1.442	1.523	1.725	1.567	1.234	1.822	2.145
2	1.781	1.866	2.111	1.908	1.775	1.383	1.514	1.729	1.486	1.207	1.867	2.225
3	1.648	1.840	2.050	1.848	1.745	1.330	1.499	1.729	1.482	1.248	1.853	2.191
4	1.521	1.817	1.978	1.907	1.715	1.326	1.510	1.765	1.463	1.244	1.795	2.147
5	1.488	1.883	1.936	2.005	1.690	1.344	1.556	1.700	1.481	1.328	1.769	2.123
6	1.561	1.931	1.930	2.046	1.656	1.341	1.685	1.660	1.498	1.378	1.765	2.137
7	1.476	1.936	1.956	1.956	1.585	1.425	1.646	1.625	1.500	1.357	1.755	2.237
8	1.464	2.061	1.960	1.826	1.544	1.443	1.657	1.590	1.505	1.385	1.884	2.245
9	1.477	2.099	1.929	1.813	1.526	1.458	1.645	1.518	1.470	1.421	1.969	2.107
10	1.413	2.013	1.889	1.845	1.501	1.437	1.664	1.470	1.470	1.508	2.001	1.938
11	1.402	1.990	1.804	1.842	1.485	1.416	1.685	1.475	1.433	1.580	1.935	1.939
12	1.479	1.930	1.741	1.968	1.485	1.384	1.745	1.440	1.478	1.570	1.896	1.973
13	1.551	1.887	1.743	1.953	1.388	1.369	1.779	1.382	1.553	1.511	1.909	1.980
14	1.510	1.926	1.734	1.960	1.370	1.378	1.769	1.365	1.607	1.496	1.970	2.098
15	1.460	1.923	1.830	1.919	1.359	1.393	1.752	1.415	1.564	1.554	2.032	2.122
16	1.518	1.969	1.897	1.862	1.346	1.395	1.722	1.429	1.543	1.585	2.076	2.034
17	1.588	2.001	1.919	1.831	1.372	1.349	1.685	1.487	1.505	1.641	2.059	1.977
18	1.615	1.899	1.829	1.801	1.364	1.394	1.718	1.506	1.533	1.615	2.026	2.020
19	1.622	1.865	1.792	1.792	1.355	1.385	1.748	1.499	1.599	1.758	1.979	2.017
20	1.699	1.858	1.755	1.800	1.296	1.414	1.776	1.477	1.675	1.824	1.981	2.104
21	1.763	1.859	1.709	1.801	1.310	1.420	1.809	1.421	1.747	1.769	1.990	2.091
22	1.822	1.891	1.806	1.744	1.316	1.536	1.800	1.424	1.804	1.680	1.955	2.088
23	1.812	2.016	1.939	1.711	1.318	1.544	1.803	1.456	1.715	1.672	1.991	2.092
24	1.781	2.134	1.988	1.694	1.325	1.527	1.786	1.560	1.713	1.686	2.003	2.011
25	1.747	1.988	1.904	1.713	1.397	1.503	1.651	1.597	1.652	1.749	1.993	2.017
26	1.844	1.879	1.871	1.774	1.462	1.465	1.726	1.565	1.648	1.837	1.970	2.042
27	1.962	1.874	1.815	1.877	1.414	1.477	1.771	1.493	1.671	1.868	1.962	2.192
28	1.887	2.021	1.750	1.829	1.404	1.446	1.751	1.525	1.609	1.794	1.985	2.282
29	1.848	--	1.794	1.786	1.445	1.570	1.678	1.492	1.470	1.767	2.078	2.263
30	1.809	--	1.872	1.754	1.452	1.581	1.684	1.474	1.266	1.798	2.147	2.164
31	1.782	--	1.946	--	1.498	--	1.651	1.543	--	1.831	--	2.151
月平均	1.656	1.937	1.881	1.851	1.474	1.429	1.690	1.533	1.557	1.577	1.947	2.102
本月最高	2.005	2.134	2.129	2.046	1.809	1.581	1.809	1.765	1.804	1.868	2.147	2.282
本月最低	1.402	1.817	1.709	1.694	1.296	1.326	1.499	1.365	1.266	1.207	1.755	1.938

表 3-68 水利署 10 號大排淺監測井日均溫數值

水溫	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	29.908	30.449	31.007	30.476	31.086	31.081	33.095	33.906	34.178	31.651	33.049	32.873
2	29.507	30.646	31.238	30.459	30.289	31.295	33.112	33.944	34.142	32.393	33.372	32.430
3	29.563	30.806	31.192	30.872	30.289	31.729	33.096	33.915	34.146	32.799	33.282	32.336
4	29.210	30.879	30.660	31.056	30.629	31.989	33.134	33.994	34.061	33.164	33.401	32.409
5	29.641	30.914	30.780	31.274	30.978	32.238	33.174	33.618	33.887	33.387	32.999	32.107
6	29.886	30.926	30.639	31.330	30.595	32.388	33.244	33.477	33.985	33.486	33.190	31.439
7	29.937	31.096	30.071	31.426	30.069	32.555	33.249	33.587	34.074	33.732	33.156	31.662
8	30.336	30.753	29.626	31.589	30.178	32.570	33.252	33.496	33.696	33.696	33.207	32.072
9	30.122	30.733	30.119	31.688	30.488	32.584	33.256	32.570	33.022	33.231	33.127	32.137
10	30.175	30.786	30.225	31.579	30.393	32.640	33.264	32.894	33.943	33.646	33.074	32.230
11	30.763	30.850	30.277	31.159	30.747	32.037	33.334	33.483	34.062	33.753	33.009	32.157
12	30.907	30.945	30.438	30.945	31.035	31.561	33.332	33.894	34.134	33.728	32.986	32.058
13	30.917	31.000	30.517	31.053	30.984	31.442	33.533	33.979	34.199	33.776	33.166	32.323
14	30.950	31.065	30.582	31.332	31.470	31.463	33.690	34.031	34.230	33.706	33.074	32.507
15	30.945	31.188	30.163	30.936	31.536	31.750	33.755	34.106	34.198	33.598	33.010	32.640
16	30.632	31.047	30.380	30.600	31.474	31.916	33.783	34.097	34.155	33.626	33.039	32.581
17	30.451	30.911	30.543	30.836	31.446	32.327	33.724	34.075	34.017	33.639	33.188	32.595
18	30.445	30.945	30.462	31.203	31.252	32.480	33.467	33.566	34.003	33.560	33.234	32.649
19	30.757	31.071	30.652	31.545	31.210	32.670	33.472	32.925	33.922	33.648	32.887	32.525
20	30.880	31.274	30.863	31.700	31.191	32.820	33.568	32.831	33.729	33.587	32.662	32.396
21	30.568	31.272	31.127	31.493	30.662	32.970	33.800	33.471	33.548	33.415	32.315	32.294
22	30.309	31.184	30.954	31.786	31.068	32.958	33.559	33.558	33.621	33.388	32.689	32.586
23	30.359	30.514	30.540	32.049	31.131	32.901	33.546	33.715	33.577	33.470	33.061	32.499
24	30.602	30.667	30.645	32.129	31.089	32.588	33.276	33.031	33.695	33.515	32.534	32.556
25	30.633	30.626	30.700	31.937	31.342	32.593	33.548	33.278	33.544	33.485	32.192	32.252
26	30.200	30.739	30.726	31.863	31.592	32.444	33.065	33.908	33.541	33.530	32.496	31.868
27	30.447	30.764	30.886	31.294	31.782	32.408	33.628	34.051	33.273	33.481	32.578	32.113
28	30.431	30.777	31.116	31.340	31.401	32.772	33.747	34.104	32.954	33.458	32.615	32.455
29	30.613	--	31.326	31.570	31.136	32.894	33.783	34.145	32.649	33.556	32.584	32.521
30	30.633	--	31.029	31.780	31.439	33.020	33.843	34.181	32.643	33.452	32.648	32.331
31	30.790	--	30.769	--	31.587	--	33.853	34.147	--	32.957	--	31.978
月平均	30.372	30.887	30.653	31.343	31.018	32.303	33.457	33.677	33.761	33.404	32.927	32.309
本月最高	30.950	31.274	31.326	32.129	31.782	33.020	33.853	34.181	34.230	33.776	33.401	32.873
本月最低	29.210	30.449	29.626	30.459	30.069	31.081	33.065	32.570	32.643	31.651	32.192	31.439

表 3-69 水利署 10 號大排淺監測井日均水位數值

水位	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	2.442	2.405	2.533	2.406	2.275	2.051	2.149	2.149	2.103	1.902	2.311	2.496
2	2.299	2.371	2.517	2.374	2.276	2.040	2.154	2.202	2.060	1.935	2.349	2.546
3	2.204	2.351	2.475	2.340	2.259	2.011	2.145	2.204	2.070	1.942	2.333	2.554
4	2.125	2.332	2.438	2.387	2.267	2.012	2.152	2.220	2.064	1.938	2.315	2.510
5	2.114	2.369	2.408	2.467	2.264	2.061	2.165	2.191	2.071	1.967	2.302	2.473
6	2.178	2.393	2.419	2.481	2.253	2.022	2.239	2.171	2.089	2.006	2.293	2.462
7	2.129	2.388	2.419	2.407	2.207	2.095	2.202	2.169	2.072	2.040	2.275	2.519
8	2.127	2.494	2.429	2.315	2.199	2.088	2.214	2.166	2.074	2.077	2.353	2.542
9	2.123	2.473	2.393	2.308	2.191	2.092	2.207	2.086	2.089	2.067	2.406	2.481
10	2.091	2.423	2.381	2.339	2.176	2.084	2.211	2.101	2.079	2.142	2.415	2.399
11	2.095	2.447	2.343	2.338	2.158	2.045	2.229	2.112	2.036	2.199	2.376	2.395
12	2.143	2.398	2.310	2.421	2.145	2.023	2.245	2.093	2.046	2.186	2.369	2.386
13	2.190	2.371	2.313	2.385	2.068	2.023	2.241	2.065	2.100	2.158	2.368	2.407
14	2.157	2.366	2.297	2.394	2.081	2.026	2.239	2.041	2.126	2.157	2.407	2.470
15	2.133	2.384	2.363	2.370	2.060	2.027	2.216	2.055	2.104	2.196	2.438	2.475
16	2.161	2.418	2.393	2.340	2.048	2.037	2.184	2.060	2.093	2.206	2.441	2.423
17	2.194	2.437	2.407	2.319	2.062	2.016	2.178	2.103	2.088	2.228	2.424	2.407
18	2.227	2.372	2.346	2.299	2.044	2.036	2.217	2.116	2.094	2.231	2.386	2.411
19	2.203	2.364	2.326	2.314	2.031	2.035	2.266	2.114	2.124	2.324	2.351	2.418
20	2.262	2.351	2.293	2.318	2.005	2.053	2.255	2.111	2.171	2.343	2.348	2.467
21	2.299	2.353	2.255	2.312	2.009	2.073	2.244	2.068	2.206	2.303	2.365	2.450
22	2.366	2.357	2.330	2.285	2.019	2.174	2.231	2.100	2.263	2.265	2.382	2.454
23	2.354	2.433	2.415	2.276	2.024	2.144	2.225	2.119	2.222	2.253	2.387	2.465
24	2.321	2.474	2.435	2.261	2.037	2.133	2.212	2.122	2.252	2.257	2.399	2.412
25	2.285	2.407	2.382	2.292	2.065	2.122	2.159	2.115	2.193	2.307	2.390	2.445
26	2.363	2.370	2.373	2.352	2.104	2.084	2.212	2.100	2.200	2.342	2.372	2.461
27	2.429	2.362	2.318	2.393	2.078	2.080	2.186	2.071	2.199	2.344	2.344	2.548
28	2.361	2.469	2.284	2.324	2.075	2.091	2.189	2.064	2.152	2.313	2.360	2.602
29	2.360	--	2.317	2.326	2.103	2.159	2.164	2.051	2.039	2.305	2.449	2.579
30	2.330	--	2.360	2.310	2.098	2.164	2.166	2.030	1.944	2.300	2.484	2.521
31	2.311	--	2.408	--	2.089	--	2.146	2.067	--	2.305	--	2.513
月平均	2.238	2.398	2.377	2.348	2.122	2.070	2.201	2.111	2.114	2.179	2.373	2.474
本月最高	2.442	2.494	2.533	2.481	2.276	2.174	2.266	2.220	2.263	2.344	2.484	2.602
本月最低	2.091	2.332	2.255	2.261	2.005	2.011	2.145	2.030	1.944	1.902	2.275	2.386

表 3-70 水利署 11 號新小深監測井日均溫數值

水溫	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	24.163	23.817	24.044	24.038	24.026	23.884	23.840	24.011	23.721	23.670	24.041	24.444
2	24.095	23.837	24.046	24.045	24.022	23.867	23.860	24.031	23.709	23.659	24.040	24.453
3	24.013	23.855	24.050	24.045	24.009	23.852	23.882	24.057	23.700	23.672	24.034	24.467
4	23.950	23.869	24.049	24.048	24.049	23.845	23.911	24.080	23.695	23.693	24.034	24.487
5	23.910	23.886	24.048	24.050	24.200	23.839	23.923	24.104	23.695	23.707	24.045	24.496
6	23.904	23.899	24.048	24.053	24.144	23.832	23.940	24.121	23.695	23.709	24.063	24.507
7	23.911	23.912	24.050	24.052	24.115	23.824	23.956	24.129	23.683	23.704	24.084	24.500
8	23.913	23.925	24.050	24.052	24.096	23.812	23.972	24.127	23.666	23.694	24.105	24.471
9	23.910	23.937	24.039	24.053	24.075	23.799	23.986	24.121	23.650	23.683	24.122	24.397
10	23.895	23.947	24.026	24.055	24.057	23.790	24.000	24.089	23.636	23.674	24.135	24.333
11	23.870	23.956	23.979	24.053	24.050	23.787	24.014	24.048	23.628	23.657	24.153	24.294
12	23.847	23.965	23.927	24.055	24.050	23.788	24.026	24.020	23.619	23.640	24.175	24.273
13	23.828	23.971	23.892	24.056	24.054	23.778	24.037	24.001	23.619	23.629	24.196	24.272
14	23.809	23.980	23.878	24.056	24.058	23.758	24.043	23.986	23.622	23.629	24.221	24.284
15	23.788	23.990	23.880	24.054	24.068	23.745	24.043	23.972	23.630	23.638	24.238	24.299
16	23.767	23.999	23.888	24.050	24.075	23.734	24.050	23.960	23.652	23.653	24.257	24.317
17	23.753	24.007	23.900	24.045	24.075	23.724	24.060	23.948	23.681	23.672	24.276	24.337
18	23.739	24.011	23.910	24.040	24.071	23.714	24.072	23.935	23.711	23.689	24.291	24.359
19	23.725	24.013	23.919	24.037	24.058	23.707	24.085	23.920	23.738	23.712	24.306	24.381
20	23.715	24.020	23.933	24.037	24.041	23.703	24.098	23.899	23.766	23.740	24.321	24.403
21	23.709	24.024	23.944	24.035	24.030	23.702	24.109	23.881	23.790	23.767	24.334	24.423
22	23.707	24.027	23.958	24.032	24.019	23.703	24.125	23.869	23.805	23.796	24.345	24.440
23	23.706	24.032	23.973	24.030	24.007	23.706	24.131	23.860	23.788	23.826	24.354	24.455
24	23.704	24.041	23.987	24.030	23.995	23.721	24.140	23.847	23.770	23.856	24.364	24.466
25	23.705	24.042	23.993	24.030	23.982	23.738	24.137	23.832	23.759	23.884	24.373	24.478
26	23.709	24.038	23.998	24.031	23.966	23.753	24.122	23.813	*	23.913	24.382	24.490
27	23.722	24.038	24.005	24.034	23.951	23.763	24.099	23.795	23.712	23.932	24.397	24.503
28	23.738	24.038	24.011	24.038	23.939	23.775	24.066	23.778	23.695	23.958	24.408	24.517
29	23.757	--	24.020	24.033	23.929	23.793	24.035	23.763	23.667	23.981	24.420	24.530
30	23.777	--	24.027	24.031	23.913	23.816	24.014	23.748	23.619	24.008	24.434	24.543
31	23.797	--	24.035	--	23.898	--	24.005	23.733	--	24.028	--	24.553
月平均	23.824	23.967	23.984	24.043	24.033	23.775	24.025	23.951	23.694	23.757	24.232	24.425
本月最高	24.163	24.042	24.050	24.056	24.200	23.884	24.140	24.129	23.805	24.028	24.434	24.553
本月最低	23.704	23.817	23.878	24.030	23.898	23.702	23.840	23.733	23.619	23.629	24.034	24.272

表 3-71 水利署 11 號新小深監測井日均水位數值

水位	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	5.471	5.922	6.503	6.582	6.239	4.832	5.724	5.615	4.870	3.470	5.722	6.138
2	5.142	6.025	6.574	6.602	6.106	4.592	5.738	5.735	4.887	3.434	5.627	6.118
3	4.879	6.067	6.585	6.545	5.883	4.514	5.737	5.836	4.973	3.614	5.661	6.135
4	4.554	6.109	6.574	6.584	5.609	4.550	5.725	5.902	5.060	3.852	5.685	6.112
5	4.308	6.146	6.548	6.627	5.501	4.611	5.750	5.860	5.049	4.051	5.708	6.113
6	4.306	6.197	6.571	6.636	5.506	4.701	5.792	5.729	5.022	4.206	5.712	6.043
7	4.322	6.255	6.606	6.630	5.422	4.828	5.843	5.643	5.030	4.290	5.704	5.751
8	4.344	6.342	6.491	6.618	5.226	4.924	5.874	5.503	5.032	4.382	5.759	5.481
9	4.398	6.387	6.253	6.615	5.121	4.997	5.923	5.135	4.972	4.432	5.819	5.331
10	4.348	6.399	5.965	6.631	5.066	5.075	5.963	4.747	4.963	4.486	5.860	5.307
11	4.329	6.372	5.769	6.624	5.005	5.158	6.002	4.569	5.007	4.543	5.864	5.350
12	4.403	6.379	5.724	6.660	4.969	4.978	5.961	4.554	5.058	4.615	5.925	5.452
13	4.497	6.361	5.768	6.685	4.769	4.756	5.944	4.582	5.138	4.710	5.981	5.549
14	4.557	6.403	5.835	6.690	4.640	4.644	6.004	4.639	5.261	4.790	6.035	5.689
15	4.596	6.432	5.931	6.643	4.629	4.623	6.043	4.708	5.344	4.898	6.104	5.798
16	4.660	6.513	6.013	6.588	4.651	4.635	6.080	4.779	5.389	4.970	6.160	5.834
17	4.747	6.539	6.078	6.489	4.731	4.668	6.103	4.869	5.456	5.093	6.195	5.877
18	4.835	6.487	6.053	6.413	4.693	4.749	6.090	4.894	5.533	5.151	6.200	5.930
19	4.910	6.486	6.075	6.393	4.493	4.822	6.081	4.735	5.609	5.218	6.178	5.995
20	5.019	6.495	6.071	6.437	4.403	4.901	6.088	4.542	5.640	5.314	6.174	6.057
21	5.146	6.485	6.095	6.434	4.412	4.996	6.114	4.424	5.642	5.415	6.138	6.069
22	5.220	6.500	6.246	6.344	4.459	5.127	6.139	4.424	5.556	5.492	6.053	6.041
23	5.287	6.613	6.380	6.300	4.543	5.248	6.073	4.504	5.483	5.565	5.979	6.020
24	5.348	6.682	6.434	6.297	4.622	5.314	5.965	4.525	5.491	5.625	5.954	6.000
25	5.408	6.544	6.405	6.328	4.714	5.345	5.774	4.526	5.504	5.692	5.963	6.039
26	5.515	6.390	6.407	6.384	4.808	5.369	5.537	4.525	*	5.760	6.007	6.046
27	5.649	6.318	6.378	6.421	4.885	5.414	5.378	4.548	5.566	5.823	6.045	6.110
28	5.684	6.397	6.361	6.366	4.951	5.509	5.333	4.600	5.235	5.823	6.071	6.189
29	5.709	--	6.424	6.248	5.004	5.596	5.348	4.661	4.453	5.845	6.107	6.213
30	5.744	--	6.497	6.241	5.035	5.664	5.453	4.726	3.845	5.884	6.130	6.202
31	5.777	--	6.549	--	5.063	--	5.524	4.802	--	5.863	--	6.185
月平均	4.939	6.366	6.263	6.502	5.005	4.971	5.842	4.930	5.175	4.913	5.951	5.909
本月最高	5.777	6.682	6.606	6.690	6.239	5.664	6.139	5.902	5.642	5.884	6.200	6.213
本月最低	4.306	5.922	5.724	6.241	4.403	4.514	5.333	4.424	3.845	3.434	5.627	5.307

表 3-72 水利署 12 號新小淺監測井日均溫數值

水溫	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	24.332	23.997	24.209	24.205	24.236	23.853	23.764	23.932	23.619	23.665	24.023	24.448
2	24.250	24.015	24.212	24.209	24.233	23.833	23.785	23.945	23.608	23.660	24.045	24.460
3	24.197	24.030	24.213	24.213	24.231	23.816	23.803	23.965	23.595	23.676	24.046	24.468
4	24.175	24.044	24.216	24.215	24.208	23.807	23.815	23.986	23.590	23.696	24.045	24.481
5	24.132	24.057	24.216	24.216	24.162	23.800	23.826	24.007	23.593	23.708	24.053	24.499
6	24.100	24.069	24.220	24.232	24.110	23.793	23.845	24.029	23.593	23.709	24.068	24.516
7	24.106	24.081	24.219	24.235	24.087	23.783	23.861	24.043	23.577	23.703	24.085	24.539
8	24.108	24.093	24.214	24.235	24.077	23.771	23.877	24.047	23.558	23.693	24.105	24.512
9	24.101	24.102	24.211	24.238	24.056	23.758	23.891	24.048	23.543	23.682	24.117	24.398
10	24.086	24.113	24.207	24.239	24.043	23.751	23.906	24.014	23.530	23.666	24.130	24.314
11	24.059	24.121	24.169	24.241	24.037	23.749	23.920	23.971	23.522	23.648	24.160	24.291
12	24.034	24.130	24.120	24.241	24.036	23.755	23.932	23.945	23.514	23.631	24.180	24.290
13	24.013	24.137	24.088	24.242	24.042	23.741	23.942	23.924	23.516	23.623	24.200	24.288
14	23.992	24.145	24.074	24.245	24.043	23.717	23.948	23.907	23.520	23.627	24.218	24.289
15	23.972	24.152	24.073	24.242	24.050	23.704	23.951	23.894	23.528	23.638	24.233	24.295
16	23.954	24.160	24.077	24.243	24.053	23.692	23.956	23.882	23.544	23.653	24.250	24.305
17	23.940	24.166	24.086	24.239	24.052	23.682	23.964	23.870	23.567	23.672	24.268	24.320
18	23.926	24.170	24.094	24.236	24.048	23.673	23.975	23.858	23.598	23.690	24.285	24.338
19	23.913	24.176	24.103	24.235	24.031	23.667	23.987	23.844	23.625	23.712	24.304	24.357
20	23.904	24.180	24.115	24.232	24.011	23.664	23.999	23.821	23.651	23.738	24.319	24.376
21	23.898	24.184	24.126	24.232	23.998	23.664	24.011	23.798	23.677	23.763	24.331	24.396
22	23.897	24.188	24.134	24.231	23.985	23.665	24.022	23.782	23.699	23.789	24.347	24.408
23	23.896	24.193	24.144	24.231	23.973	23.668	24.033	23.768	23.699	23.817	24.359	24.426
24	23.895	24.195	24.153	24.230	23.960	23.674	24.045	23.754	23.680	23.841	24.372	24.437
25	23.897	24.194	24.161	24.231	23.947	23.685	24.051	23.736	23.665	23.866	24.382	24.448
26	23.901	24.195	24.166	24.232	23.932	23.698	24.042	23.712	23.641	23.890	24.393	24.458
27	23.911	24.201	24.172	24.235	23.917	23.708	24.018	23.691	23.632	23.917	24.403	24.463
28	23.924	24.206	24.179	24.239	23.906	23.716	23.983	23.674	23.632	23.938	24.417	24.475
29	23.941	--	24.186	24.239	23.896	23.728	23.955	23.659	23.604	23.960	24.429	24.487
30	23.960	--	24.196	24.237	23.878	23.745	23.938	23.644	23.545	23.979	24.437	24.496
31	23.978	--	24.201	--	23.861	--	23.930	23.631	--	24.001	--	24.507
月平均	24.013	24.132	24.160	24.232	24.035	23.732	23.935	23.864	23.595	23.750	24.233	24.412
本月最高	24.332	24.206	24.220	24.245	24.236	23.853	24.051	24.048	23.699	24.001	24.437	24.539
本月最低	23.895	23.997	24.073	24.205	23.861	23.664	23.764	23.631	23.514	23.623	24.023	24.288

表 3-73 水利署 12 號新小淺監測井日均水位數值

水位	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	4.123	4.727	5.334	5.436	5.014	3.692	4.672	4.558	3.857	2.831	5.136	5.487
2	3.871	4.822	5.398	5.448	4.854	3.523	4.729	4.654	3.898	2.846	5.026	5.465
3	3.632	4.889	5.434	5.438	4.518	3.498	4.757	4.758	3.967	3.038	5.065	5.463
4	3.389	4.944	5.455	5.459	4.223	3.537	4.736	4.831	4.004	3.273	5.098	5.441
5	3.302	4.988	5.468	5.485	4.160	3.585	4.698	4.784	3.974	3.487	5.128	5.441
6	3.311	5.038	5.491	5.501	4.217	3.651	4.724	4.628	3.928	3.679	5.139	5.321
7	3.315	5.087	5.461	5.509	4.119	3.730	4.769	4.552	3.918	3.770	5.139	4.955
8	3.351	5.147	5.328	5.515	3.957	3.799	4.811	4.395	3.917	3.861	5.181	4.669
9	3.373	5.193	5.037	5.524	3.866	3.888	4.860	3.949	3.922	3.870	5.229	4.544
10	3.323	5.226	4.666	5.541	3.786	4.001	4.909	3.654	3.948	3.886	5.259	4.567
11	3.346	5.238	4.493	5.546	3.759	4.048	4.940	3.540	4.015	3.944	5.271	4.642
12	3.395	5.264	4.520	5.561	3.729	3.868	4.867	3.529	4.074	4.023	5.332	4.742
13	3.450	5.275	4.595	5.566	3.558	3.677	4.837	3.561	4.141	4.145	5.383	4.847
14	3.501	5.299	4.669	5.565	3.530	3.583	4.896	3.613	4.253	4.244	5.431	4.977
15	3.554	5.328	4.764	5.523	3.550	3.568	4.956	3.684	4.357	4.353	5.493	5.087
16	3.609	5.374	4.844	5.476	3.577	3.587	4.994	3.747	4.435	4.431	5.541	5.144
17	3.665	5.401	4.903	5.396	3.612	3.628	5.023	3.815	4.503	4.556	5.575	5.206
18	3.739	5.389	4.917	5.263	3.548	3.696	5.021	3.819	4.581	4.627	5.584	5.263
19	3.814	5.396	4.947	5.188	3.402	3.770	5.035	3.680	4.652	4.697	5.552	5.323
20	3.901	5.411	4.967	5.225	3.375	3.843	5.047	3.563	4.694	4.789	5.544	5.380
21	3.974	5.415	4.994	5.208	3.394	3.925	5.064	3.499	4.621	4.887	5.493	5.379
22	4.035	5.435	5.080	5.176	3.444	4.060	5.060	3.503	4.473	4.973	5.416	5.356
23	4.101	5.481	5.175	5.145	3.512	4.193	4.973	3.545	4.407	5.052	5.347	5.341
24	4.161	5.488	5.232	5.150	3.569	4.265	4.836	3.545	4.462	5.121	5.314	5.333
25	4.241	5.395	5.252	5.179	3.634	4.295	4.590	3.547	4.524	5.187	5.324	5.366
26	4.325	5.295	5.273	5.225	3.697	4.314	4.338	3.564	4.645	5.254	5.364	5.386
27	4.416	5.241	5.280	5.258	3.786	4.364	4.198	3.596	4.584	5.311	5.401	5.445
28	4.484	5.265	5.284	5.169	3.861	4.463	4.170	3.643	4.185	5.320	5.426	5.509
29	4.536	--	5.325	5.056	3.886	4.544	4.221	3.691	3.347	5.335	5.462	5.531
30	4.591	--	5.374	5.045	3.909	4.603	4.343	3.744	2.810	5.343	5.480	5.522
31	4.638	--	5.414	--	3.903	--	4.459	3.798	--	5.316	--	5.503
月平均	3.821	5.230	5.109	5.359	3.837	3.907	4.759	3.903	4.170	4.369	5.338	5.214
本月最高	4.638	5.488	5.491	5.566	5.014	4.603	5.064	4.831	4.694	5.343	5.584	5.531
本月最低	3.302	4.727	4.493	5.045	3.375	3.498	4.170	3.499	2.810	2.831	5.026	4.544

表 3-74 水利署 14 號湯圍淺監測井日均溫數值

水溫	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	50.014	49.564	48.231	48.370	47.869	47.780	49.330	49.320	52.267	54.000	52.505	50.919
2	49.898	49.572	48.233	48.368	47.797	47.865	49.305	49.368	52.277	54.224	52.442	50.867
3	49.795	49.546	48.257	48.362	47.679	47.943	49.262	49.385	52.298	54.396	52.402	50.837
4	49.707	49.507	48.262	48.390	47.737	48.055	49.258	49.397	52.310	54.451	52.349	50.815
5	49.674	49.467	48.254	48.398	48.491	48.162	49.308	49.398	52.307	54.470	52.295	50.790
6	49.651	49.430	48.241	48.425	48.397	48.267	49.293	49.387	52.311	54.405	52.237	50.739
7	49.638	49.389	48.270	48.471	48.298	48.351	49.278	49.405	52.323	54.257	52.183	50.624
8	49.625	49.318	48.248	48.475	48.171	48.432	49.258	49.442	52.343	54.057	52.134	50.609
9	49.618	49.255	48.209	48.473	48.101	48.515	49.241	49.504	52.329	53.856	52.094	50.595
10	49.605	49.179	48.185	48.468	48.014	48.557	49.222	49.654	52.342	53.684	52.034	50.603
11	49.634	49.070	48.143	48.480	47.900	48.606	49.206	49.883	52.372	53.593	51.961	50.610
12	49.652	49.008	48.159	48.480	47.847	48.647	49.163	50.143	52.383	53.516	51.882	50.637
13	49.678	48.914	48.143	48.493	47.750	48.672	49.134	50.364	52.391	53.454	51.832	50.650
14	49.697	48.858	48.147	48.512	47.677	48.737	49.108	50.547	52.385	53.383	51.778	50.674
15	49.719	48.780	48.174	48.519	47.615	48.791	49.072	50.696	52.376	53.334	51.722	50.717
16	49.741	48.724	48.192	48.492	47.573	48.877	49.042	50.809	52.351	53.286	51.659	50.720
17	49.760	48.670	48.232	48.451	47.542	48.914	49.032	50.900	52.331	53.235	51.596	50.714
18	49.783	48.602	48.235	48.429	47.512	48.992	49.002	50.956	52.300	53.177	51.523	50.700
19	49.767	48.522	48.205	48.392	47.513	49.045	48.988	50.999	52.263	53.142	51.437	50.689
20	49.780	48.456	48.223	48.370	47.515	49.112	48.969	51.110	52.220	53.109	51.357	50.666
21	49.783	48.433	48.226	48.351	47.557	49.171	48.943	51.279	52.170	53.075	51.284	50.639
22	49.761	48.392	48.211	48.304	47.558	49.239	48.918	51.443	52.121	53.037	51.165	50.633
23	49.749	48.360	48.223	48.261	47.603	49.276	48.895	51.579	52.052	53.010	51.128	50.597
24	49.732	48.370	48.289	48.202	47.635	49.311	48.884	51.692	51.993	52.992	51.101	50.565
25	49.717	48.331	48.278	48.156	47.668	49.333	48.880	51.767	51.962	52.958	51.074	50.555
26	49.691	48.256	48.264	48.131	47.697	49.343	48.904	51.855	51.923	52.924	51.052	50.536
27	49.701	48.233	48.276	48.098	47.704	49.363	48.967	51.957	51.876	52.868	51.020	50.514
28	49.684	48.204	48.278	48.082	47.732	49.367	49.059	52.046	51.742	52.806	50.993	50.521
29	49.637	--	48.295	48.010	47.728	49.364	49.138	52.113	51.713	52.733	50.955	50.526
30	49.593	--	48.298	47.924	47.775	49.358	49.221	52.182	52.599	52.678	50.936	50.473
31	49.583	--	48.342	--	47.805	--	49.281	52.227	--	52.602	--	50.401
月平均	49.712	48.872	48.233	48.345	47.789	48.781	49.115	50.671	52.221	53.442	51.671	50.649
本月最高	50.014	49.572	48.342	48.519	48.491	49.367	49.330	52.227	52.599	54.470	52.505	50.919
本月最低	49.583	48.204	48.143	47.924	47.512	47.780	48.880	49.320	51.713	52.602	50.936	50.401

表 3-75 水利署 14 號湯圍淺監測井日均水位數值

水位	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	1.796	1.709	2.288	2.065	1.771	-0.032	0.514	1.164	0.736	0.055	1.242	1.826
2	1.439	1.716	2.270	2.017	1.689	-0.168	0.651	1.213	0.712	0.070	1.325	1.857
3	1.192	1.666	2.191	1.981	1.568	-0.232	0.834	1.267	0.721	0.166	1.307	1.815
4	0.916	1.677	2.101	2.064	1.519	-0.247	1.088	1.301	0.731	0.290	1.279	1.799
5	0.888	1.768	2.001	2.122	1.224	-0.240	1.162	1.219	0.741	0.376	1.270	1.823
6	0.913	1.907	2.023	2.171	1.159	-0.192	1.225	1.149	0.753	0.455	1.264	1.739
7	0.827	1.931	2.054	2.050	1.013	-0.089	1.248	1.128	0.803	0.462	1.281	1.829
8	0.862	2.131	2.030	1.905	0.906	-0.011	1.207	1.000	0.800	0.528	1.362	1.755
9	0.876	2.110	2.072	1.875	0.832	-0.028	1.226	0.739	0.740	0.557	1.505	1.532
10	0.787	1.990	1.942	1.885	0.759	-0.024	1.232	0.626	0.727	0.684	1.534	1.382
11	0.792	1.961	1.747	1.936	0.732	-0.029	1.286	0.577	0.723	0.740	1.440	1.397
12	0.922	1.869	1.666	2.049	0.630	-0.141	1.311	0.575	0.778	0.769	1.420	1.456
13	0.996	1.860	1.652	2.124	0.409	-0.230	1.356	0.581	0.844	0.741	1.434	1.494
14	0.955	1.885	1.676	2.112	0.335	-0.251	1.356	0.596	0.930	0.747	1.508	1.682
15	0.924	1.898	1.784	2.051	0.305	-0.197	1.343	0.642	0.955	0.806	1.593	1.702
16	0.997	2.066	1.930	1.986	0.275	-0.191	1.304	0.690	0.938	0.852	1.687	1.585
17	1.089	2.133	1.919	1.928	0.275	-0.236	1.310	0.771	0.964	0.903	1.677	1.556
18	1.118	1.917	1.730	1.869	0.237	-0.213	1.333	0.787	1.000	0.940	1.643	1.570
19	1.195	1.853	1.719	1.850	0.078	-0.201	1.361	0.673	1.077	1.092	1.608	1.617
20	1.305	1.829	1.693	1.927	0.008	-0.160	1.423	0.563	1.146	1.134	1.638	1.725
21	1.334	1.866	1.650	1.856	-0.027	-0.093	1.438	0.496	1.272	1.071	1.587	1.744
22	1.421	1.929	1.806	1.717	-0.019	0.020	1.387	0.528	1.251	1.038	1.553	1.743
23	1.404	2.186	2.062	1.656	0.019	0.098	1.346	0.558	1.130	1.060	1.597	1.712
24	1.430	2.271	2.111	1.678	0.027	0.089	1.289	0.596	1.103	1.140	1.599	1.635
25	1.410	2.022	1.933	1.700	0.134	0.072	1.240	0.599	1.125	1.168	1.576	1.645
26	1.649	1.910	1.933	1.752	0.140	0.057	1.134	0.575	1.154	1.289	1.567	1.715
27	1.710	1.904	1.845	1.910	0.062	0.097	1.122	0.561	1.115	1.329	1.597	1.864
28	1.611	2.127	1.824	1.810	0.075	0.188	1.128	0.570	0.908	1.247	1.648	2.020
29	1.548	--	1.886	1.692	0.108	0.343	1.086	0.594	0.456	1.234	1.726	1.994
30	1.524	--	2.024	1.703	0.123	0.442	1.111	0.631	0.200	1.265	1.866	1.860
31	1.561	--	2.107	--	0.060	--	1.116	0.699	--	1.256	--	1.889
月平均	1.206	1.932	1.925	1.915	0.530	-0.060	1.199	0.763	0.884	0.821	1.511	1.708
本月最高	1.796	2.271	2.288	2.171	1.771	0.442	1.438	1.301	1.272	1.329	1.866	2.020
本月最低	0.787	1.666	1.650	1.656	-0.027	-0.251	0.514	0.496	0.200	0.055	1.242	1.382

表 3-76 水利署 15 號湯圍深監測井日均溫數值

水溫	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	50.045	48.959	47.143	48.027	47.418	46.279	48.832	48.876	51.836	52.633	52.367	50.654
2	49.869	48.917	47.164	48.043	47.333	46.361	48.838	48.927	51.843	52.651	52.321	50.547
3	49.743	48.877	47.170	48.049	47.224	46.469	48.838	48.938	51.862	52.669	52.293	50.484
4	49.590	48.824	47.146	48.053	47.116	46.586	48.821	48.946	51.869	52.925	52.251	50.391
5	49.505	48.753	47.163	48.073	47.032	46.721	48.820	48.936	51.869	53.339	52.206	50.336
6	49.454	48.698	47.133	48.078	46.918	46.818	48.811	48.926	51.880	53.892	52.154	50.250
7	49.417	48.618	47.132	48.132	46.814	46.954	48.805	48.952	51.892	53.774	52.125	50.132
8	49.353	48.518	47.113	48.131	46.659	47.063	48.785	49.006	51.915	53.545	52.088	50.108
9	49.331	48.463	47.395	48.126	46.586	47.157	48.753	49.066	51.894	53.394	52.051	50.065
10	49.303	48.347	47.859	48.131	46.500	47.227	48.739	49.217	51.914	53.241	51.998	50.041
11	49.300	48.210	47.854	48.156	46.388	47.320	48.719	49.459	51.943	53.178	51.941	50.025
12	49.300	48.118	47.842	48.142	46.305	47.361	48.682	49.720	51.955	53.108	51.870	50.031
13	49.331	47.995	47.854	48.151	46.208	47.408	48.646	49.938	51.964	53.059	51.832	50.015
14	49.347	47.917	47.847	48.167	46.111	47.512	48.628	50.120	51.957	52.996	51.779	50.035
15	49.341	47.846	47.862	48.141	46.043	47.584	48.611	50.265	51.953	52.965	51.732	50.034
16	49.338	47.724	47.895	48.128	46.001	47.704	48.583	50.368	51.930	52.928	51.671	49.996
17	49.365	47.683	47.918	48.068	45.978	47.791	48.553	50.463	51.908	52.894	51.612	49.939
18	49.363	47.595	47.911	48.041	45.955	47.890	48.538	50.519	51.881	52.857	51.538	49.895
19	49.368	47.506	47.904	48.004	45.930	47.991	48.531	50.558	51.849	52.837	51.452	49.852
20	49.345	47.440	47.906	47.987	45.939	48.094	48.495	50.680	51.809	52.821	51.380	49.807
21	49.318	47.416	47.914	47.973	45.967	48.194	48.474	50.833	51.759	52.778	51.299	49.732
22	49.293	47.363	47.916	47.909	45.988	48.312	48.451	51.002	51.710	52.785	51.180	49.658
23	49.274	47.334	47.936	47.855	46.021	48.420	48.426	51.141	51.645	52.758	51.125	49.612
24	49.238	47.331	47.979	47.800	46.054	48.486	48.411	51.239	51.576	52.762	51.097	49.506
25	49.216	47.263	47.955	47.753	46.092	48.564	48.417	51.315	51.550	52.725	51.060	49.441
26	49.182	47.201	47.959	47.714	46.132	48.604	48.450	51.411	51.511	52.697	51.009	49.376
27	49.130	47.159	47.974	47.688	46.151	48.670	48.523	51.501	51.453	52.665	50.946	49.297
28	49.112	47.131	47.964	47.658	46.179	48.737	48.606	51.600	51.326	52.606	50.872	49.257
29	49.033	--	47.980	47.570	46.193	48.773	48.685	51.669	51.314	52.559	50.795	49.192
30	49.001	--	47.988	47.491	46.213	48.809	48.773	51.740	52.623	52.515	50.732	49.109
31	48.951	--	48.026	--	46.243	--	48.838	51.789	--	52.449	--	48.988
月平均	49.347	47.972	47.703	47.975	46.377	47.662	48.648	50.230	51.813	52.936	51.626	49.865
本月最高	50.045	48.959	48.026	48.167	47.418	48.809	48.838	51.789	52.623	53.892	52.367	50.654
本月最低	48.951	47.131	47.113	47.491	45.930	46.279	48.411	48.876	51.314	52.449	50.732	48.988

表 3-77 水利署 15 號湯圍深監測井日均水位數值

水位	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	2.921	*	*	1.874	1.574	0.680	0.981	1.049	0.620	0.191	1.278	2.973
2	2.695	*	*	1.823	1.490	0.548	0.973	1.101	0.594	0.190	1.367	3.090
3	2.587	*	*	1.783	1.362	0.488	0.951	1.160	0.603	0.203	1.351	3.274
4	2.459	*	*	1.871	1.364	0.482	0.977	1.200	0.615	0.229	1.323	3.455
5	2.606	*	*	1.935	1.269	0.492	1.016	1.120	0.626	0.334	1.319	3.523
6	2.818	*	*	1.983	1.234	0.545	1.083	1.047	0.638	0.475	1.315	3.528
7	2.901	*	*	1.853	1.116	0.660	1.106	1.026	0.690	0.473	1.332	3.717
8	3.119	*	*	1.703	1.034	0.745	1.065	0.896	0.690	0.535	1.426	3.744
9	3.313	*	2.113	1.670	0.989	0.725	1.083	0.635	0.623	0.565	1.592	3.612
10	3.400	*	1.767	1.681	0.950	0.729	1.091	0.517	0.611	0.694	1.634	3.560
11	3.586	*	1.556	1.731	0.957	0.723	1.146	0.466	0.606	0.753	1.543	3.687
12	3.924	*	1.468	1.848	0.886	0.605	1.180	0.460	0.661	0.779	1.531	3.872
13	4.209	*	1.454	1.932	0.686	0.509	1.231	0.464	0.732	0.749	1.559	4.048
14	4.390	*	1.475	1.920	0.636	0.487	1.229	0.477	0.822	0.753	1.661	4.384
15	4.574	*	1.588	1.855	0.635	0.542	1.218	0.521	0.845	0.811	1.771	4.553
16	4.898	*	1.746	1.787	0.634	0.543	1.175	0.571	0.826	0.859	1.900	4.604
17	5.257	*	1.730	1.726	0.666	0.492	1.183	0.658	0.850	0.910	1.916	4.746
18	5.540	*	1.529	1.666	0.665	0.515	1.207	0.679	0.888	0.948	1.912	4.960
19	5.873	*	1.516	1.651	0.525	0.526	1.239	0.561	0.968	1.111	1.911	5.236
20	6.279	*	1.486	1.735	0.479	0.563	1.308	0.447	1.041	1.153	1.986	5.593
21	6.589	*	1.440	1.662	0.468	0.633	1.325	0.375	1.182	1.087	1.982	5.857
22	6.682	*	1.603	1.512	0.501	0.751	1.273	0.405	1.161	1.050	1.990	6.123
23	*	*	1.875	1.449	0.560	0.831	1.231	0.441	1.033	1.075	2.089	6.406
24	*	*	1.927	1.468	0.591	0.820	1.172	0.492	1.005	1.157	2.147	6.618
25	*	*	1.737	1.490	0.726	0.803	1.126	0.494	1.025	1.184	2.180	7.000
26	*	*	1.733	1.544	0.753	0.790	1.018	0.464	1.056	1.314	2.337	7.442
27	*	*	1.639	1.713	0.691	0.812	1.007	0.447	1.028	1.359	2.434	7.979
28	*	*	1.617	1.609	0.719	0.862	1.016	0.452	0.826	1.270	2.551	8.543
29	*	--	1.684	1.488	0.771	0.962	0.974	0.474	0.360	1.254	2.706	8.939
30	*	--	1.832	1.496	0.800	1.005	0.997	0.512	0.218	1.290	2.933	9.304
31	*	--	1.920	--	0.756	--	1.000	0.583	--	1.290	--	9.896
月平均	4.119	X	1.671	1.715	0.854	0.662	1.115	0.651	0.781	0.840	1.833	5.299
本月最高	6.682	X	2.113	1.983	1.574	1.005	1.325	1.200	1.182	1.359	2.933	9.896
本月最低	2.459	X	1.440	1.449	0.468	0.482	0.951	0.375	0.218	0.190	1.278	2.973

表 3-78 水利署 16 號太子監測井日均溫數值

水溫	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	43.709	42.624	42.345	42.787	43.685	45.748	47.038	47.038	47.077	46.564	47.432	47.403
2	43.722	42.561	42.302	42.778	43.781	45.809	47.104	47.038	47.075	46.719	47.414	47.365
3	43.723	42.628	42.335	42.837	43.826	45.888	47.137	47.038	47.078	46.822	47.456	47.395
4	43.695	42.600	42.392	42.864	43.952	45.997	47.112	47.038	47.058	46.889	47.470	47.391
5	43.699	42.546	42.454	42.834	44.568	46.102	47.038	47.038	46.991	46.945	47.486	47.396
6	43.682	42.487	42.465	42.829	44.596	46.178	47.038	47.038	47.000	46.957	47.483	47.309
7	43.694	42.467	42.447	42.870	44.616	46.239	47.038	47.038	46.960	46.966	47.510	47.204
8	43.664	42.420	42.423	43.008	44.694	46.243	47.038	47.038	46.960	47.028	47.530	47.203
9	43.650	42.329	42.311	43.043	44.784	46.317	47.038	47.038	46.932	46.975	47.481	47.239
10	43.622	42.408	42.327	43.095	44.830	46.354	47.038	47.038	46.953	46.948	47.515	47.231
11	43.587	42.400	42.374	43.146	44.865	46.393	47.038	47.038	46.999	46.993	47.558	47.231
12	43.556	42.399	42.406	43.179	44.938	46.394	47.038	47.038	47.011	46.975	47.546	47.223
13	43.551	42.413	42.429	43.081	44.912	46.452	47.038	47.038	47.030	47.020	47.608	47.207
14	43.516	42.462	42.442	43.165	44.996	46.503	47.038	47.038	47.009	47.021	47.617	47.146
15	43.459	42.473	42.450	43.226	45.055	46.575	47.038	47.038	47.013	47.039	47.567	47.221
16	43.432	42.416	42.366	43.259	45.081	46.609	47.038	47.038	47.017	47.049	47.512	47.190
17	43.410	42.389	42.408	43.295	45.178	46.668	47.038	47.038	47.040	47.070	47.586	47.217
18	43.390	42.472	42.450	43.350	45.148	46.719	47.038	47.038	47.035	47.092	47.543	47.262
19	43.254	42.472	42.468	43.380	45.208	46.771	47.038	47.038	47.030	47.100	47.549	47.211
20	43.211	42.527	42.510	43.336	45.291	46.823	47.038	47.038	46.992	47.134	47.560	47.200
21	43.167	42.565	42.571	43.375	45.333	46.850	47.038	47.038	46.912	47.146	47.500	47.119
22	43.073	42.544	42.561	43.489	45.460	46.861	47.038	47.038	46.920	47.195	47.507	47.099
23	43.047	42.471	42.531	43.564	45.521	46.902	47.038	47.045	46.918	47.240	47.444	47.146
24	42.981	42.421	42.570	43.631	45.564	46.909	47.038	47.020	46.906	47.272	47.483	47.147
25	42.924	42.428	42.595	43.683	45.546	46.912	47.038	46.987	46.938	47.311	47.518	47.205
26	42.808	42.446	42.578	43.696	45.679	46.959	47.038	47.019	46.934	47.299	47.565	47.208
27	42.801	42.446	42.697	43.628	45.689	46.992	47.038	47.011	46.819	47.322	47.541	47.136
28	42.773	42.436	42.737	43.626	45.750	46.991	47.038	47.027	46.548	47.349	47.507	47.090
29	42.698	--	42.747	43.716	45.793	47.018	47.038	47.070	46.471	47.422	47.488	47.112
30	42.732	--	42.737	43.715	45.853	47.035	47.038	47.093	46.585	47.421	47.385	47.072
31	42.693	--	42.752	--	45.857	--	47.038	47.056	--	47.457	--	47.049
月平均	43.320	42.473	42.490	43.249	45.034	46.540	47.046	47.038	46.940	47.088	47.512	47.214
本月最高	43.723	42.628	42.752	43.716	45.857	47.035	47.137	47.093	47.078	47.457	47.617	47.403
本月最低	42.693	42.329	42.302	42.778	43.685	45.748	47.038	46.987	46.471	46.564	47.385	47.049

表 3-79 水利署 16 號太子監測井日均水位數值

水位	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	1.837	1.765	2.308	1.907	1.640	1.049	1.218	1.247	0.974	0.454	1.338	1.901
2	1.482	1.802	2.284	1.870	1.546	0.890	1.182	1.345	0.885	0.440	1.491	1.943
3	1.247	1.685	2.128	1.841	1.476	0.796	1.131	1.413	0.879	0.537	1.418	1.815
4	1.018	1.671	1.988	2.014	1.547	0.776	1.175	1.458	0.906	0.640	1.385	1.854
5	1.066	1.835	1.835	2.073	1.386	0.782	1.270	1.341	0.956	0.747	1.334	1.818
6	1.113	2.018	1.878	2.134	1.321	0.803	1.352	1.271	0.946	0.810	1.328	1.840
7	0.926	2.022	1.924	1.927	1.170	0.972	1.394	1.258	1.090	0.757	1.344	2.008
8	0.980	2.234	1.891	1.716	1.128	1.075	1.290	1.163	1.025	0.814	1.470	1.925
9	1.011	2.169	2.086	1.698	1.076	1.006	1.287	1.013	0.906	0.844	1.669	1.639
10	0.919	1.973	1.926	1.724	1.062	0.967	1.284	0.940	0.896	1.058	1.678	1.438
11	0.927	1.931	1.679	1.756	1.139	0.938	1.352	0.914	0.875	1.115	1.509	1.459
12	1.137	1.811	1.613	1.851	1.040	0.861	1.418	0.864	0.944	1.125	1.463	1.542
13	1.196	1.819	1.581	2.060	0.845	0.812	1.482	0.846	1.040	1.020	1.465	1.593
14	1.073	1.821	1.590	2.000	0.852	0.811	1.453	0.833	1.165	0.994	1.559	1.854
15	0.999	1.840	1.706	1.894	0.833	0.909	1.470	0.863	1.145	1.065	1.710	1.814
16	1.075	2.053	1.899	1.814	0.847	0.912	1.352	0.928	1.094	1.098	1.847	1.649
17	1.218	2.118	1.871	1.787	0.849	0.797	1.346	1.023	1.086	1.148	1.779	1.547
18	1.200	1.817	1.705	1.778	0.959	0.815	1.404	1.036	1.138	1.157	1.729	1.567
19	1.337	1.751	1.630	1.748	0.813	0.815	1.457	0.965	1.238	1.392	1.645	1.624
20	1.497	1.714	1.593	1.858	0.759	0.842	1.556	0.893	1.318	1.423	1.697	1.824
21	1.466	1.741	1.512	1.748	0.732	0.917	1.514	0.775	1.542	1.242	1.655	1.857
22	1.591	1.806	1.712	1.554	0.768	1.088	1.463	0.825	1.482	1.169	1.569	1.876
23	1.521	2.165	2.039	1.484	0.804	1.138	1.409	0.844	1.291	1.192	1.694	1.805
24	1.561	2.245	2.037	1.502	0.825	1.066	1.382	0.938	1.236	1.246	1.666	1.664
25	1.476	1.950	1.795	1.517	1.039	1.087	1.359	0.927	1.258	1.314	1.606	1.696
26	1.793	1.841	1.832	1.592	0.996	1.050	1.276	0.903	1.273	1.490	1.564	1.730
27	1.887	1.834	1.706	1.828	0.908	1.036	1.308	0.852	1.282	1.515	1.609	1.970
28	1.699	2.101	1.689	1.717	0.886	1.113	1.309	0.832	1.254	1.373	1.632	2.128
29	1.645	--	1.722	1.559	1.001	1.211	1.252	0.823	0.891	1.314	1.770	2.110
30	1.602	--	1.941	1.548	1.026	1.257	1.233	0.840	0.590	1.369	1.986	1.958
31	1.600	--	2.009	--	0.987	--	1.208	0.962	--	1.329	--	1.923
月平均	1.326	1.912	1.842	1.783	1.041	0.953	1.342	1.004	1.087	1.071	1.587	1.786
本月最高	1.887	2.245	2.308	2.134	1.640	1.257	1.556	1.458	1.542	1.515	1.986	2.128
本月最低	0.919	1.671	1.512	1.484	0.732	0.776	1.131	0.775	0.590	0.440	1.328	1.438

二、垂向溫度

垂向溫度除了(1)福崇寺監測井因為井口密封、(2)員山和礁溪民家監測井為使用井，井內有抽水設備，無法施測以外，其餘各井均有施測，施測位置從地下水位以下開始每 5 公尺一點直到井底，監測井若呈現強烈自湧時，下放探測器會被湧水排出井口，無法施測。每月施測結果(圖 3-31~圖 3-48)，垂向溫度具有下列幾種特性：

(一)礁溪溫泉

1. 深度 30-50 公尺呈現一高溫區且有月份變化：礁溪溫泉形成模式為溫泉自溫泉區西側山區的基盤上湧再沿地表坡度流入沖積層內，在沖積層內的溫泉水體成一舌狀往東側流動，因此普遍在各監測井深度約 30-50 公尺可以看到一個高溫區。10-30 公尺的溫泉因大量被使用，各監測井普遍都呈現明顯的月溫度變化。
2. 深度 50 公尺以下溫度梯度變小且沒有明顯月份變化：一般深度越深溫度越高也越穩定，大部分監測井 50 公尺以下的溫度變化就明顯變小，但公園路、碧富邑、香檳、公園、礁溪鄉公所和大忠路等監測井甚至到深度 60-80 公尺仍有變化。
3. 地下溫泉水體呈西北-東南向分布：井下溫度超過 50°C 計有別墅區三、香檳、公園、停車場、德陽路、皇泰、仁愛路、礁溪鄉公所、奇立丹等 9 口井，這些井的分布略呈西北-東南向分布(圖 2-1)，與地下溫泉的流動走向一致。
4. 抽取溫泉導致最淺部垂向溫度呈微笑曲線：礁溪溫泉高溫溫泉水體約在深度 30-50 公尺，理論上從地表到該水體的溫度會逐漸升高，而且越靠近該水體溫度升高的愈快，垂向溫度會形成一個下彎的曲線，但是在碧富邑 10-30 公尺、香檳 10-20 公尺、德陽路 20-40 公尺、奇立丹 30-60 公尺、礁溪鄉公所 10-35 公尺等井的垂向溫度卻略呈上彎的微笑曲線，此種微笑曲線特徵主要是因淺部大量抽取溫泉，造成淺部冷地下水補充所致。
5. 五峰路、大忠路監測井淺部的溫度受季節氣溫影響，越靠近地下水面溫度的季節性變化越大，呈現明顯的花狀構造(flower structure)。

6. 公園路監測井 40-60 公尺有一冷水層，該區段可能是十一股溪地表冷水下滲後主要的儲水層。
7. 不同地區溫度不同、溫度曲線也有差異：越靠近溫泉核心區一帶的溫度越高，最高可到 55°C(香檳、德陽路、皇泰、仁愛路)，越遠的溫度越低(大忠路、遊客中心)，溫度不到 40°C。
8. 垂向溫度曲線除跟地下溫泉的流動有關，也受沖積層岩性的影響，一般滲透性較佳的礫石層，地下水較容易上下混和，因此溫度梯度小，泥質層滲透性較差，地下水不易流動，比較容易產生明顯的溫度梯度，不同的地區，岩層岩性、溫泉抽取量、地下水補充速度都有差異，造成垂向溫度不同的曲線樣式。

(二)蘇澳冷泉

1. 淺部溫度受地表氣溫影響大：淺部溫度受氣溫影響，4 口監測井都呈現明顯的花狀構造，氣溫的影響訊號可達深度 15 公尺。
2. 20-50 公尺的溫度受對流作用的影響：大部分 50 公尺內的溫度都接近年均溫，20-50 公尺溫度梯度小於 0.5°C/100 m，瓏山林監測井甚至負值，顯示 50 公尺以內的水體受對流作用的影響。
3. 125~185 公尺對流層：冷泉公園監測井的垂相溫度分布顯示 125-185 公尺溫度梯度非常小(圖 3-48)，該區段地層可能較破碎，地下水對流作用強烈，185 公尺以下溫度梯度變大，岩性可能較為緻密。

(1) 公園路監測井

本井 10-30 公尺有一明顯的溫泉水體，從溫泉水體的深度研判，溫泉應來自西南側的庇廬寺附近，40-50 公尺有一冷水入侵，可能來自東北側十一股溪的地下水補注。冬季在 10-30 公尺的溫度會升高，表示附近抽取溫泉的地方應該在溫泉來源的下游。

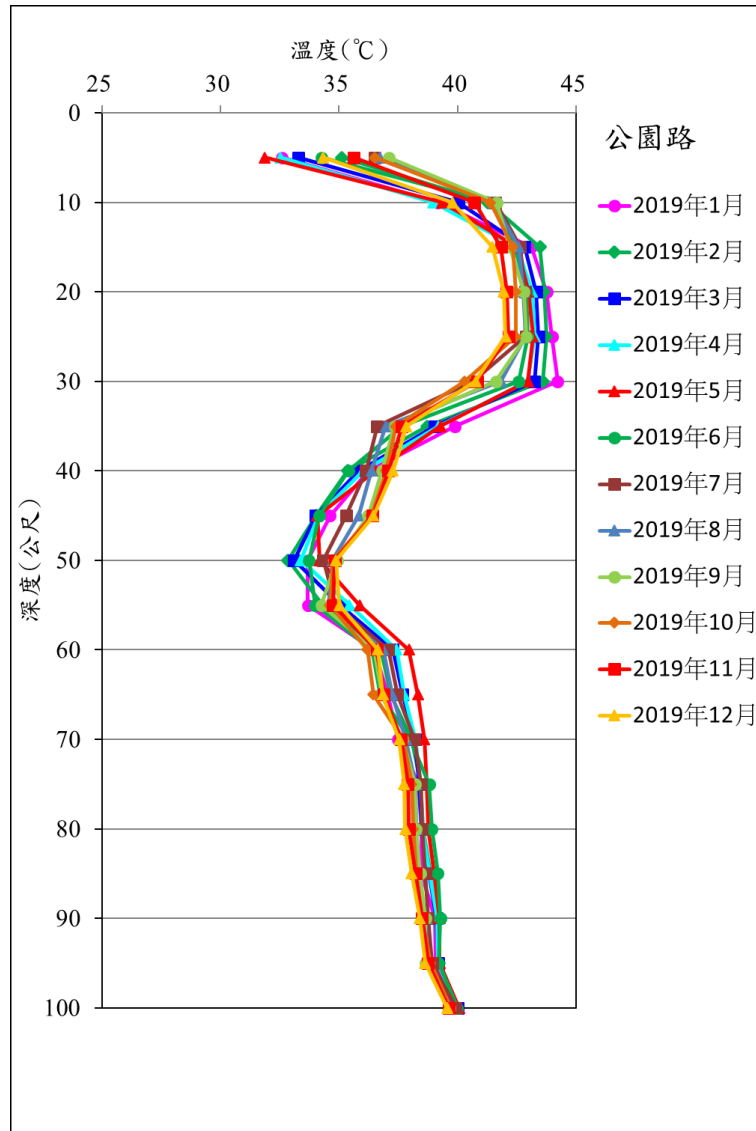


圖 3-31 JS01 公園路垂向溫度

(2) 別墅區三監測井

年度水位幾乎都低於 20 公尺，是所有監測井中水位最低者，水溫最高在深度 40 公尺約 55°C，30 公尺以下一直到 80 公尺的溫度都超過 51°C，50 公尺以下的溫度幾乎都一樣，顯示本井靠近溫泉源頭區，有較厚的溫泉水體，深部的年溫度變化約 0.5°C。

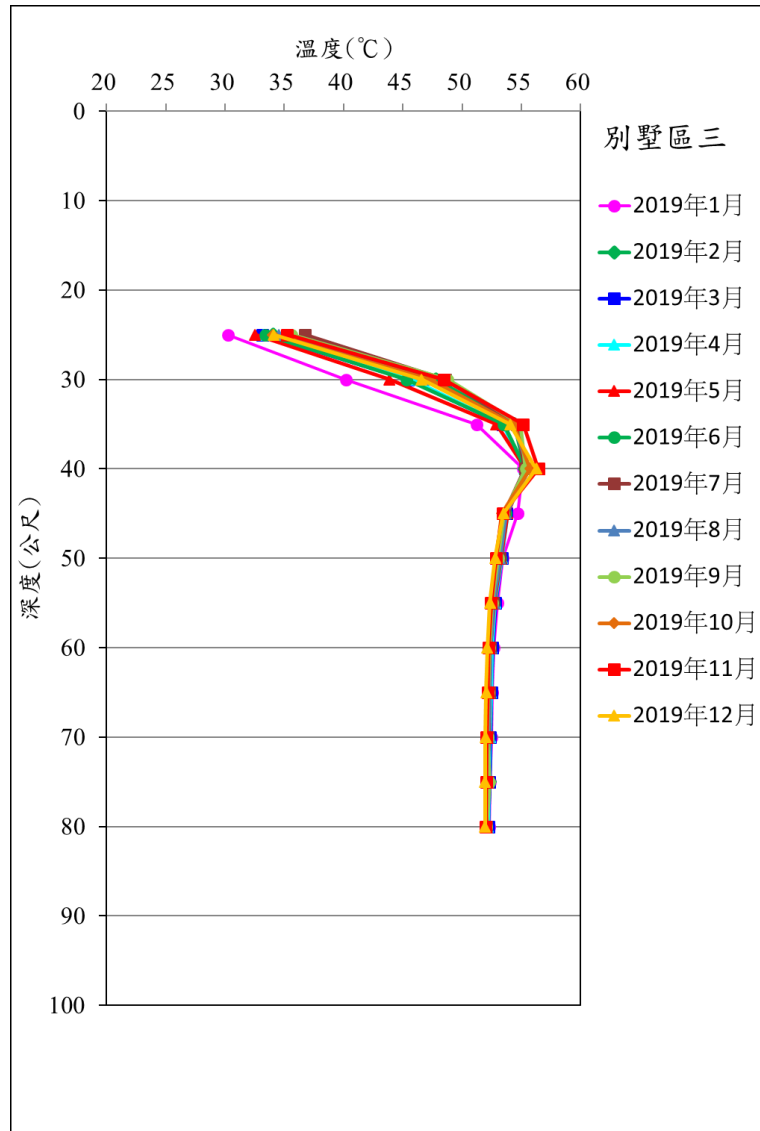


圖 3-32 JS02 別墅區三垂向溫度

(3) 遊客中心監測井

最高溫約在深度 40-45 公尺，溫泉主水體約 15 公尺，但溫度偏低，最高不超過 42°C，50-140 公尺的溫度非常一致，約 38.8°C，推測本井位置已在溫泉水體的尾端，深部的年溫度變化小於 0.1°C。

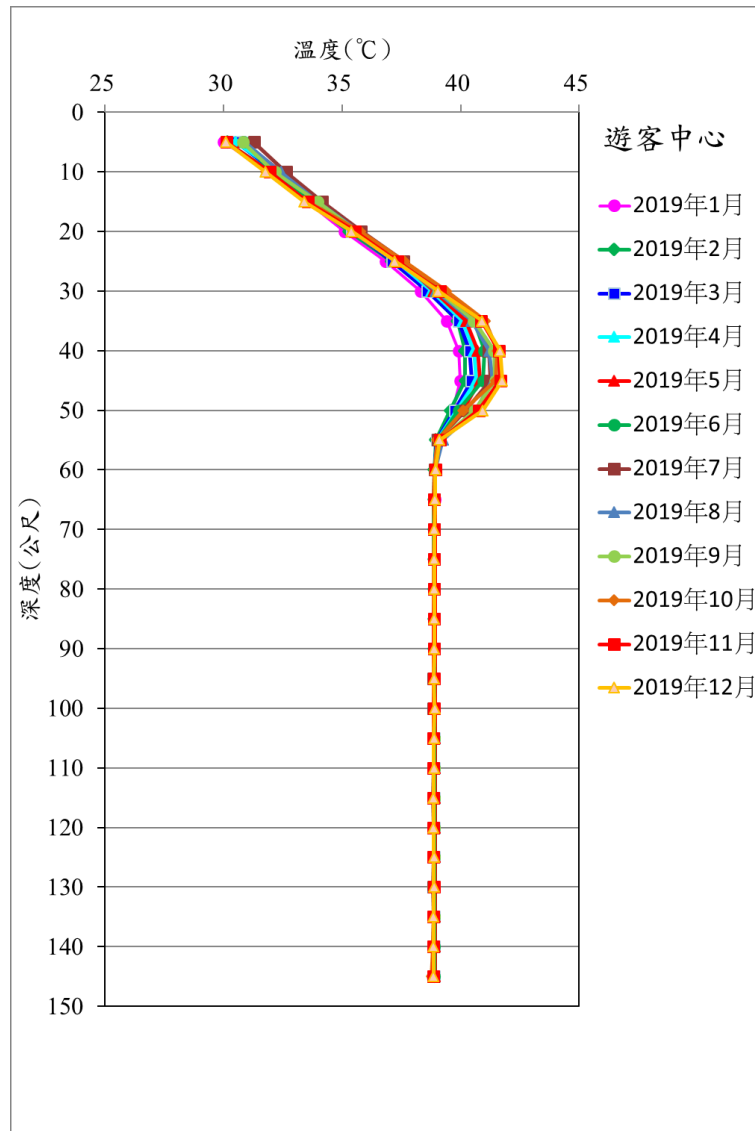


圖 3-33 JS03 遊客中心垂向溫度

(4) 碧富邑監測井

本井最高溫位於井底 50 公尺，溫度年變化非常大，可達 8°C 以上，推測是受附近抽取深部溫泉的影響。本井位置靠近福崇寺溫泉源頭區，但整口井溫度都未超過 50°C，主要的 20-30 公尺溫泉水體溫度低於 40°C，而且 10-30 公尺的溫度曲線略呈微微上彎的微笑曲線，可能是淺部也受大量抽取溫泉影響，附近較冷的地下水入侵所致。

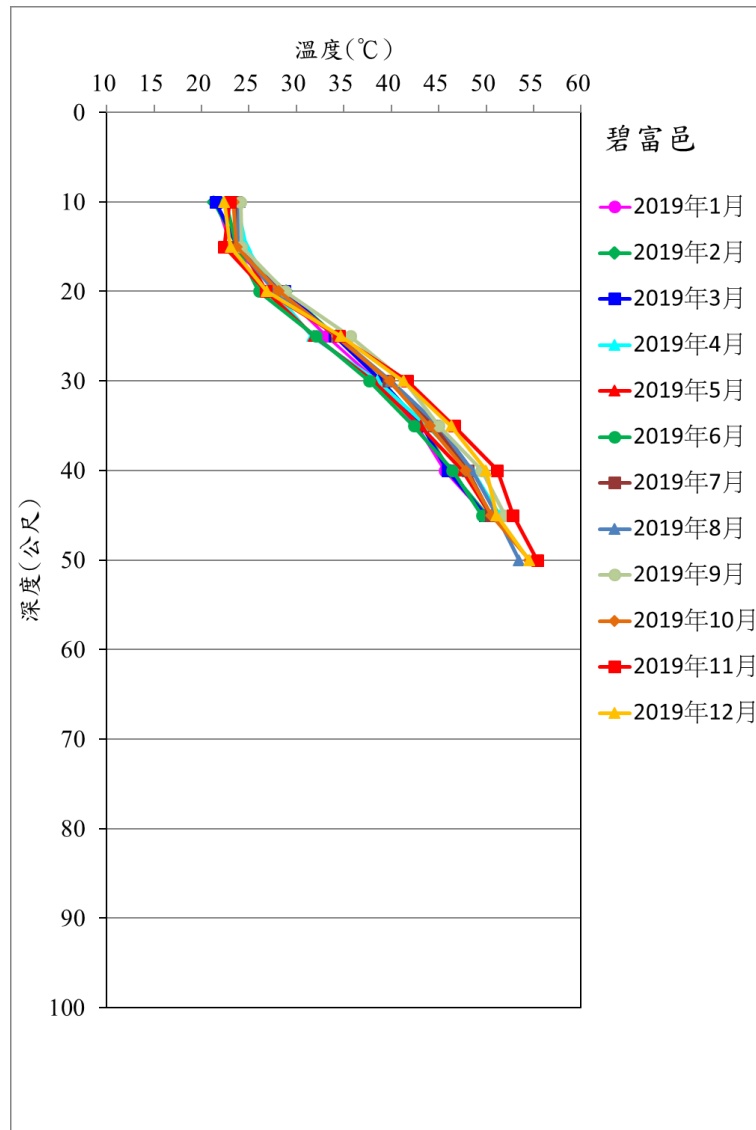


圖 3-34 JS04 碧富邑垂向溫度

(5) 香檳監測井

25-60 公尺的溫度都超過 50°C，水溫高，水體厚度大，顯示位於地下溫泉流動的主要水體附近，溫度的年變化在 40 公尺最小約 0.2°C，在 55 公尺達 1.1°C，該深度附近似乎存一裂隙，10-20 公尺的溫度曲線呈微笑曲線。

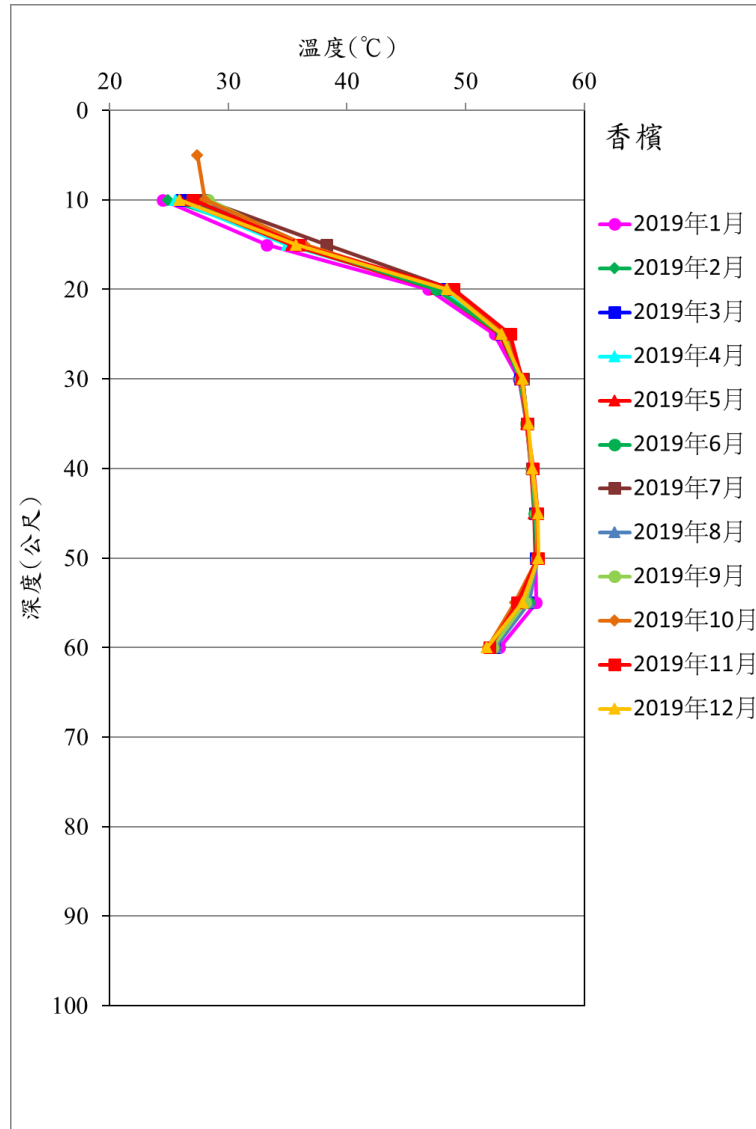


圖 3-35 JS05 香檳垂向溫度

(6) 公園監測井

高溫位於 35-60 公尺，溫度超過 50°C，溫度在整個 5-70 公尺的年變化都較大，超過 1.0°C，到深度 85 公尺溫度年變化仍可達 0.3°C。

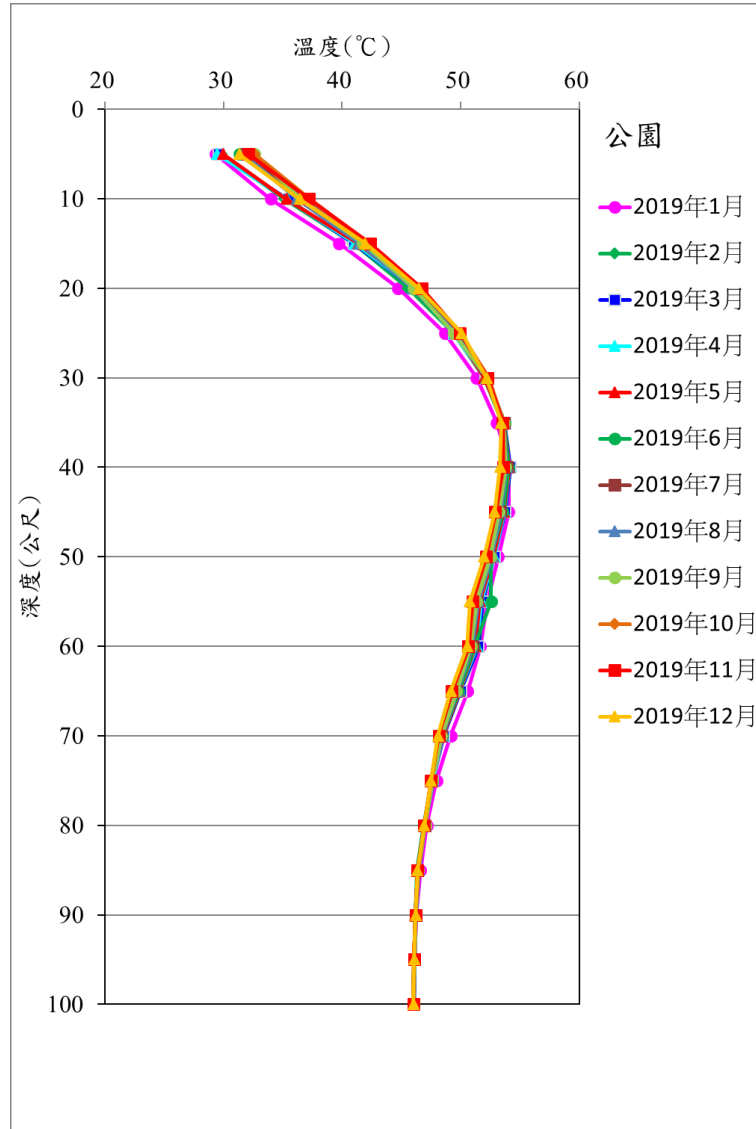


圖 3-36 JS07 公園垂向溫度

(7) 停車場監測井

高溫位於 25-40 公尺，溫度超過 50°C，5-30 公尺溫度年變化約 1.8-3.6°C，40 公尺以下年變化小於 0.3°C，但是 80 公尺附近變化有稍為變大一些。

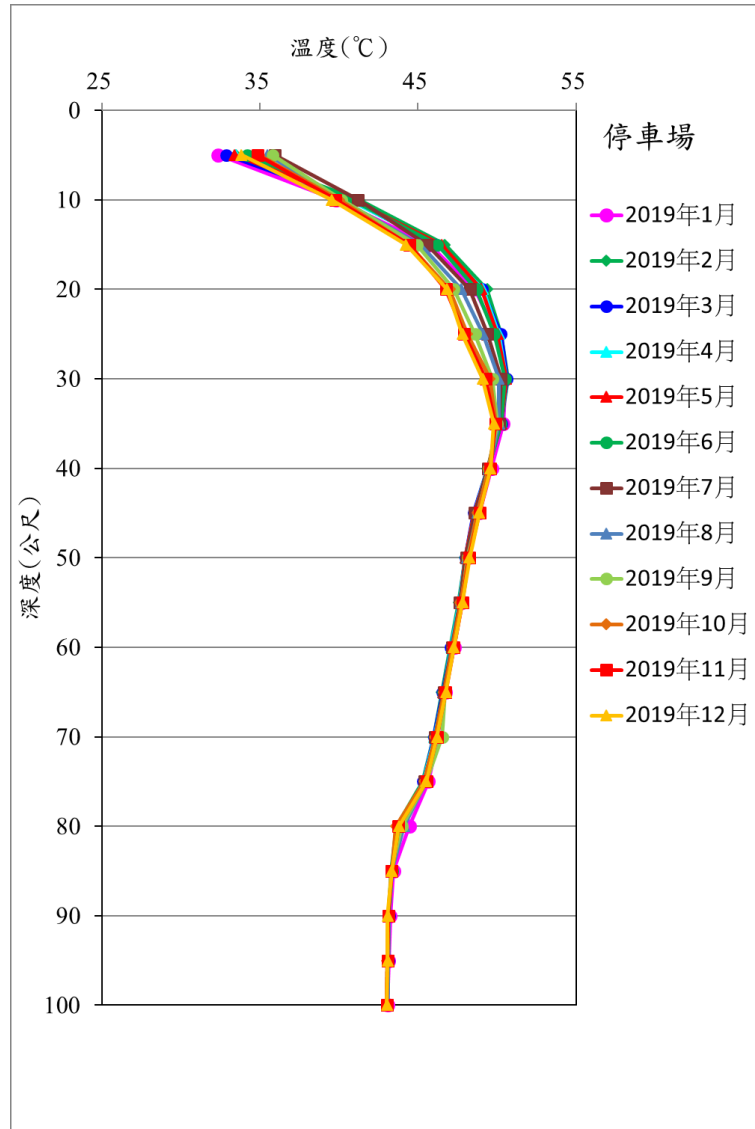


圖 3-37 JS08 停車場垂向溫度

(8) 德陽路監測井

高溫位於 40 公尺以下一直到井底，溫度超過 55°C，水體厚度超過 50 公尺，溫度的年變化在 10-40 公尺較大，且各深度變化幅度不同，最大在 30 公尺，達 6.1°C，50 公尺以下的溫度年變化則各深度幾乎都一樣，約 0.1°C，20-40 公尺的溫度呈微笑曲線。

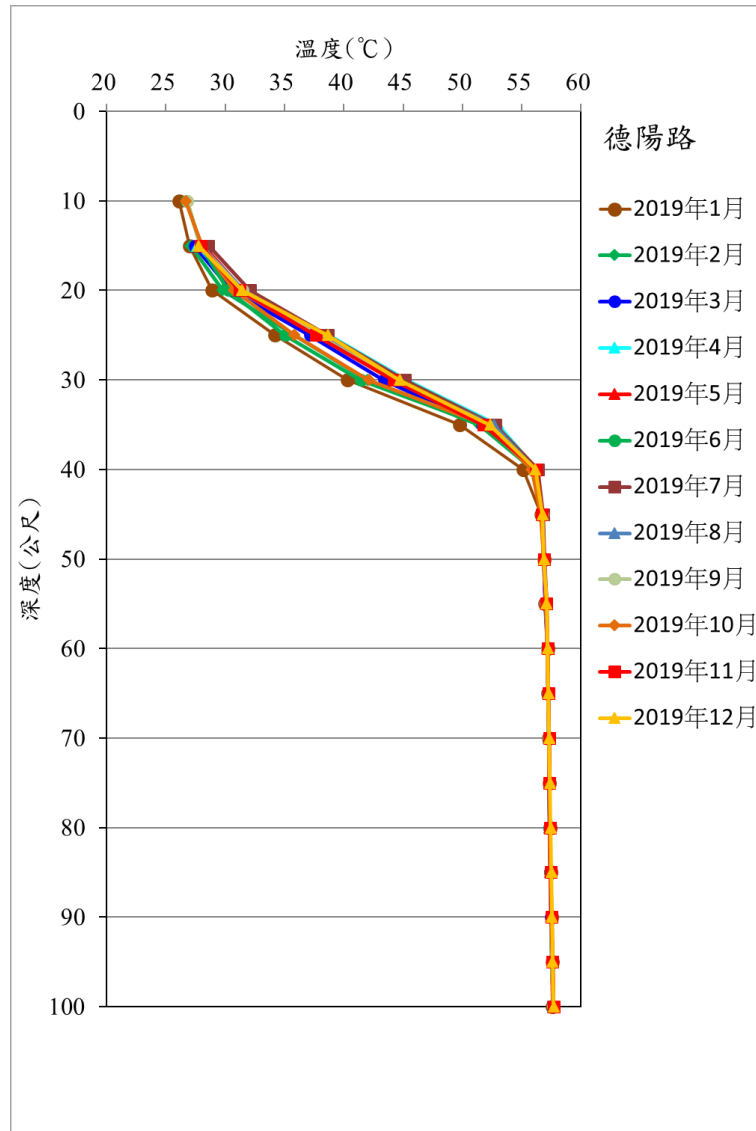


圖 3-38 JS09 德陽路垂向溫度

(9) 五峰路監測井

最高溫位於井底 60 公尺，約 48°C，本井靠近得子口溪，受得子口溪補注的影響，20-40 公尺溫度年變化很大，以 30 公尺約 5.3°C 最高(20 公尺的溫度年變化雖然有 6.5°C，但因靠近地下水水面，溫度易受氣溫影響變化自然較大)，60 公尺溫度年變化約 0.5°C。

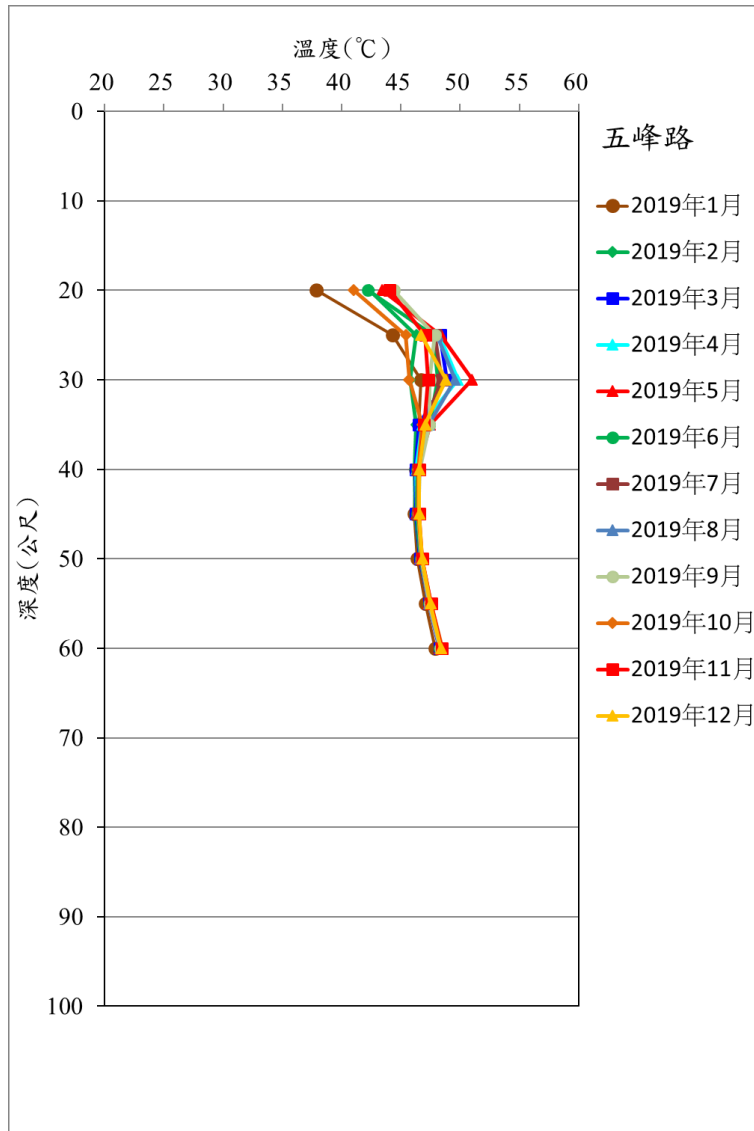


圖 3-39 JS10 五峰路垂向溫度

(10) 皇泰監測井

從 35 公尺以下的溫度都可超過 50°C，溫泉水體厚度達 65 公尺以上，顯示本井是溫泉主要的核心地帶，溫度的年變化在 5 至 35 公尺都超過 1.0°C，50 公尺以下的年變化都小於 0.3°C。

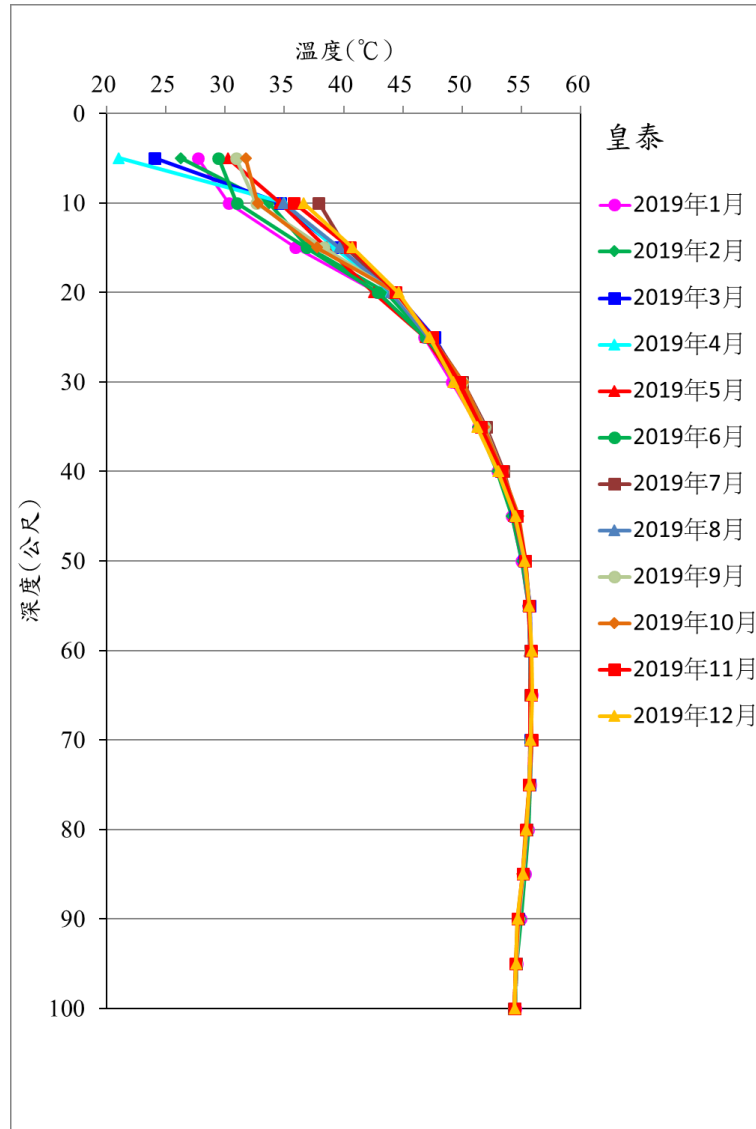


圖 3-40 JS11 皇泰垂向溫度

(11)仁愛路監測井

從 35 公尺以下到井底溫度可超過 50°C，溫泉水體厚度達 40 公尺，溫度年變化有兩個區段較大，一是淺於 40 公尺部分，約 2.3-5.7°C，另一是深於 60 公尺部分，約 0.4-0.9°C。

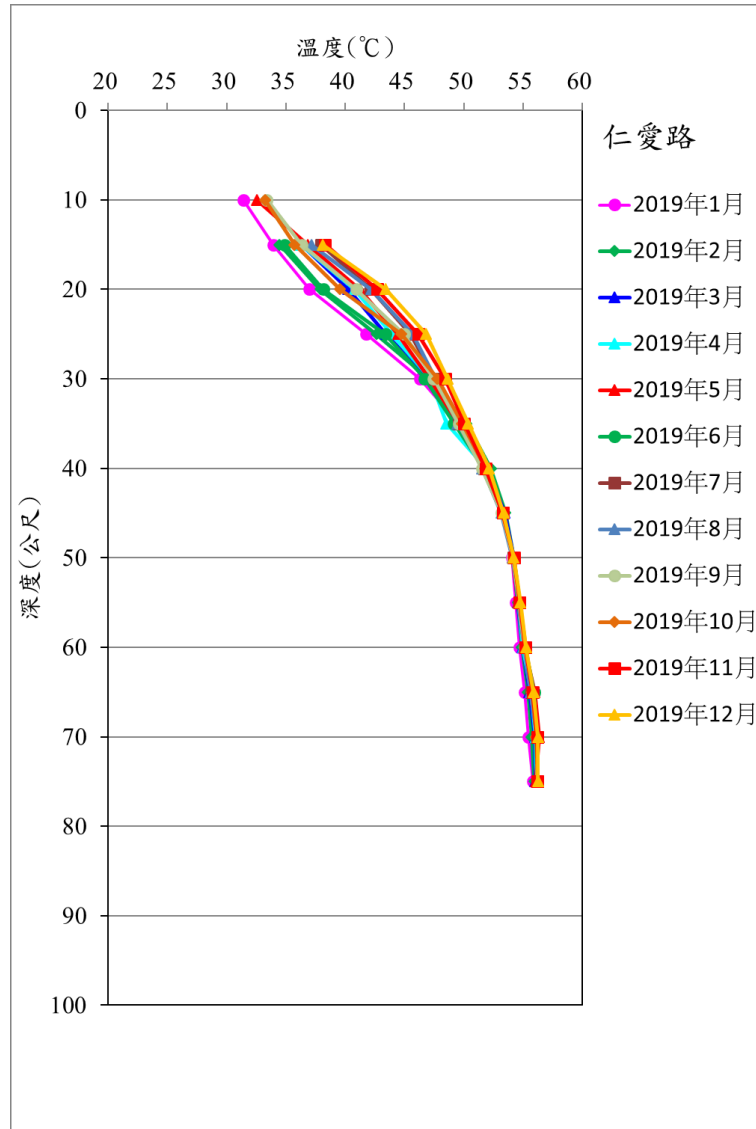


圖 3-41 JS12 仁愛路垂向溫度

(12) 奇立丹監測井

高溫位於 65-90 公尺，超過 50°C，最高溫達 53°C，15-60 公尺的溫度年變化較大，約 0.9-1.5°C，30-65 公尺的溫度呈微笑曲線。本井位在溫泉區的最下游，與溫泉核心區相距約 800 公尺，溫度理當偏低，但深部的溫度與溫泉核心區差不多，暗示深部溫泉的水體可能從核心區快速的流到此區域，或者附近有另外的溫泉來源。

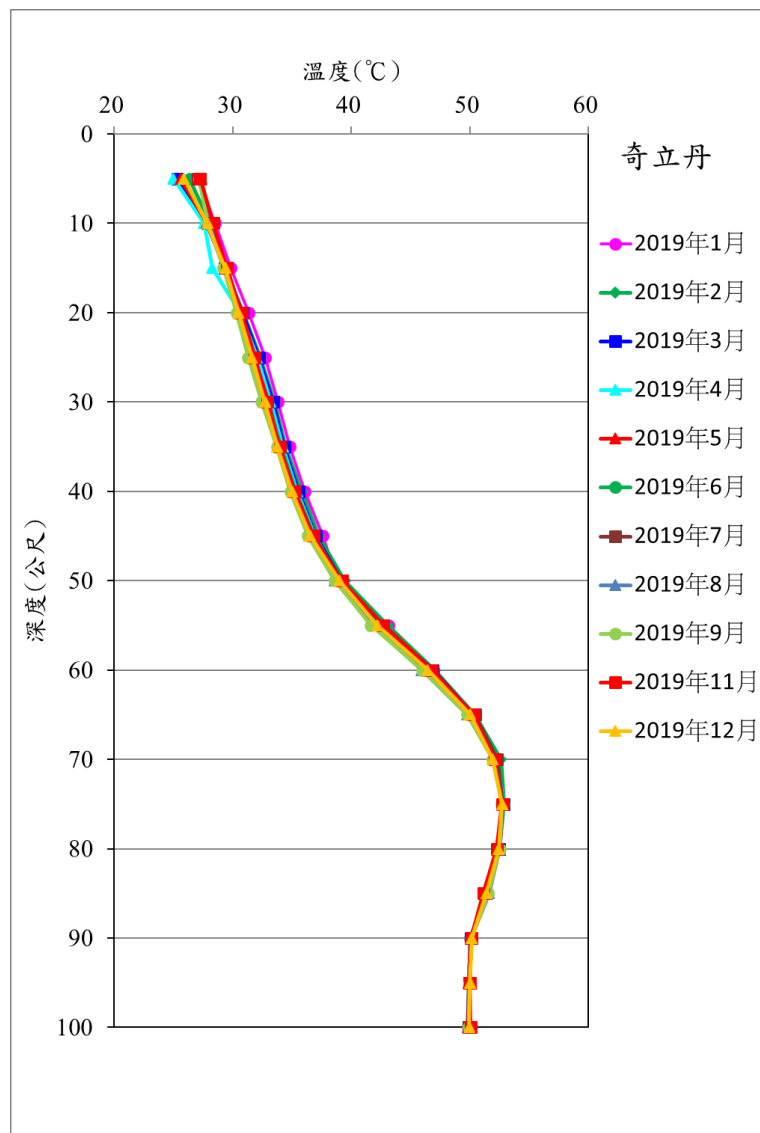


圖 3-42 JS13 奇立丹垂向溫度

(13) 礁溪鄉公所監測井

高溫位於 40 公尺以下，溫度超過 54°C，溫泉水體厚度達 45 公尺，15-30 公尺的溫度年變化較大，約 2.0-4.1°C，50 公尺以下的變化也不小，約 1.2-1.8°C。

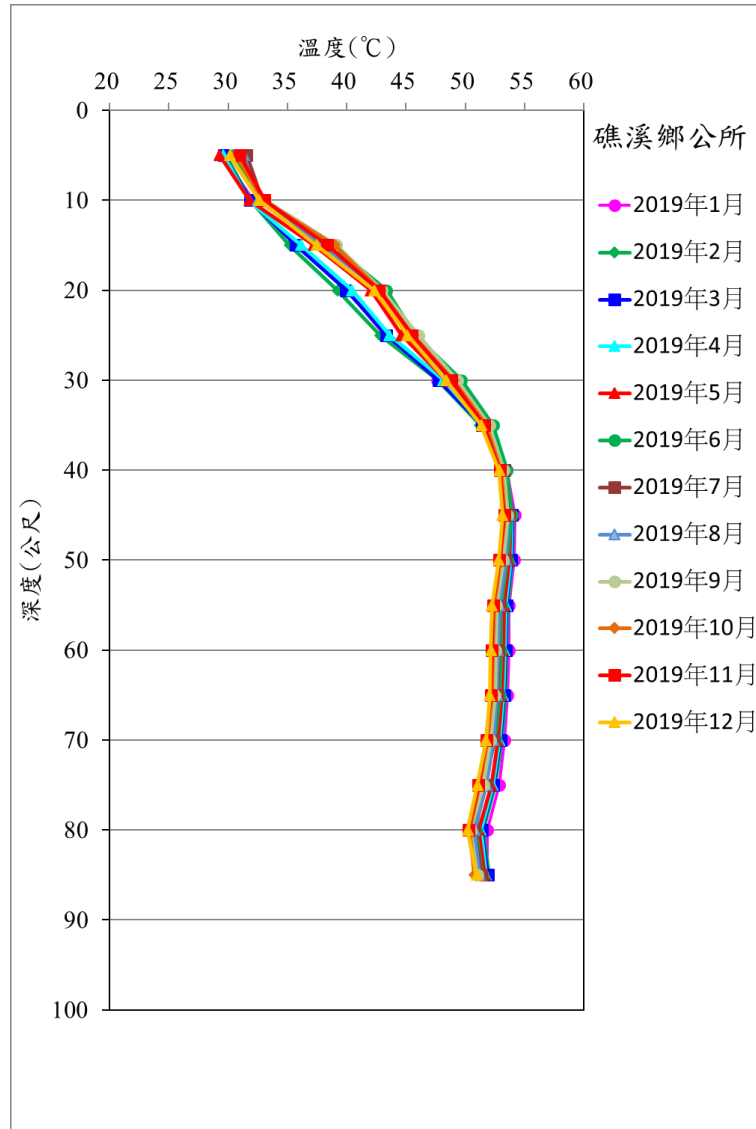


圖 3-43 JS14 礁溪鄉公所垂向溫度

(14)大忠路監測井

本井是礁溪溫泉所有監測井中溫度最低者，35 公尺的溫度未超過 30°C，未達溫泉標準，較高溫分佈在 45-60 公尺，但最高溫也僅 32°C，主要是因本井位於溫泉區的南緣，南邊有得子口溪的補注，因此溫度偏低。深度 45-60 公尺的溫度年變化較大，約 1.1-1.3°C。

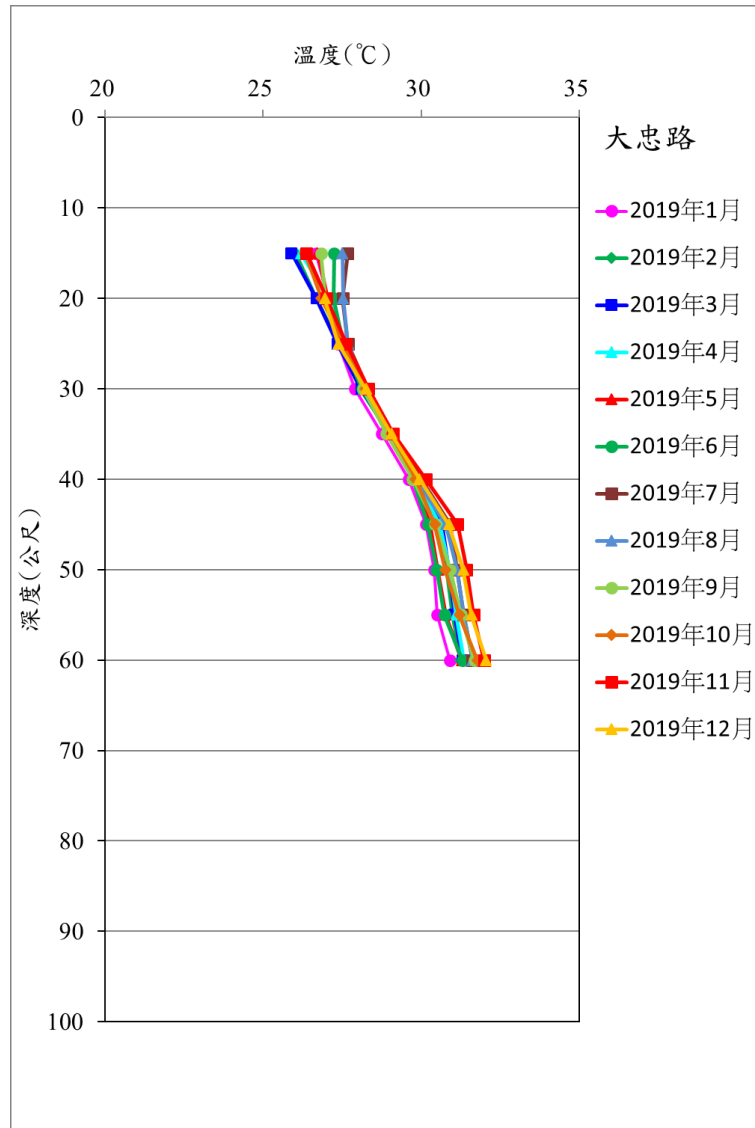


圖 3-44 JS15 大忠路垂向溫度

(15) 溝邊監測井

蘇澳冷泉各監測井的溫度都比礁溪溫泉低，5-40 公尺的溫度都不超過 24°C，5-10 公尺的溫度受氣溫影響，變化較大，呈現明顯的花狀構造。本井 15-40 公尺的溫度約 21.3-21.9°C，溫度年變化小於 0.4°C。

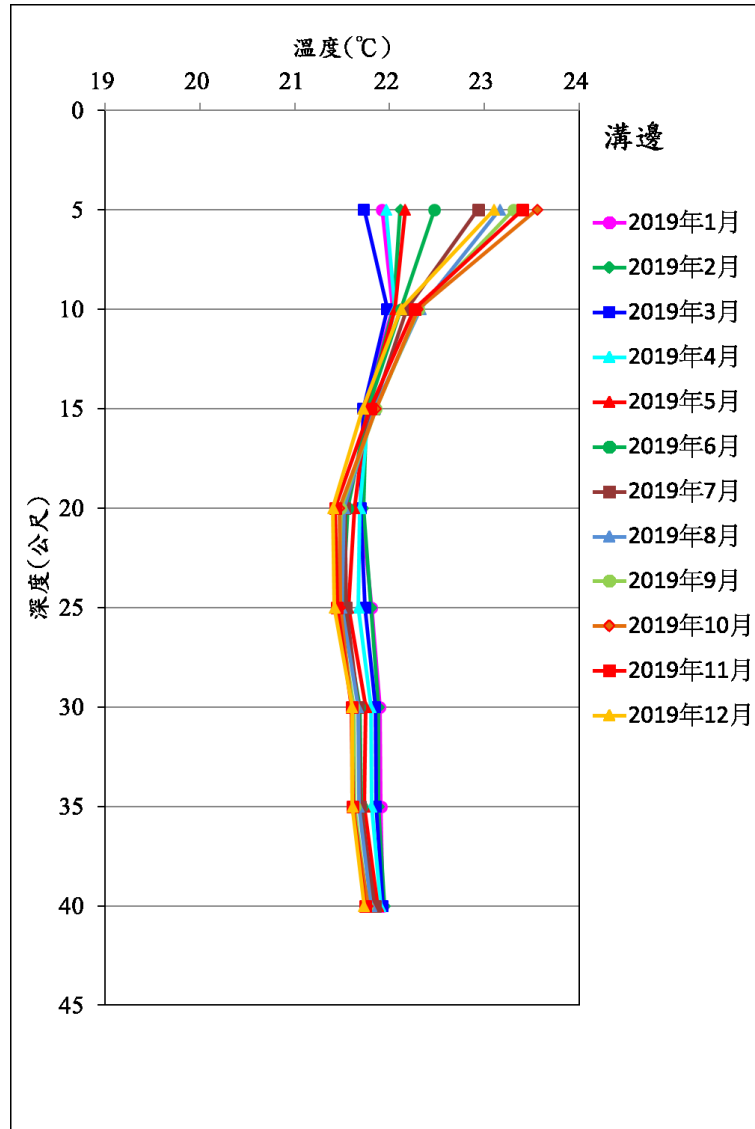


圖 3-45 SA01 溝邊垂向溫度

(16) 隴山林監測井

5-10 公尺的溫度受氣溫影響，變化較大，呈現明顯的花狀構造，15-40 公尺的溫度約 21.1-21.9°C，溫度年變化小於 0.7°C。20-35 公尺的溫度有較大的變化，約 0.7°C。

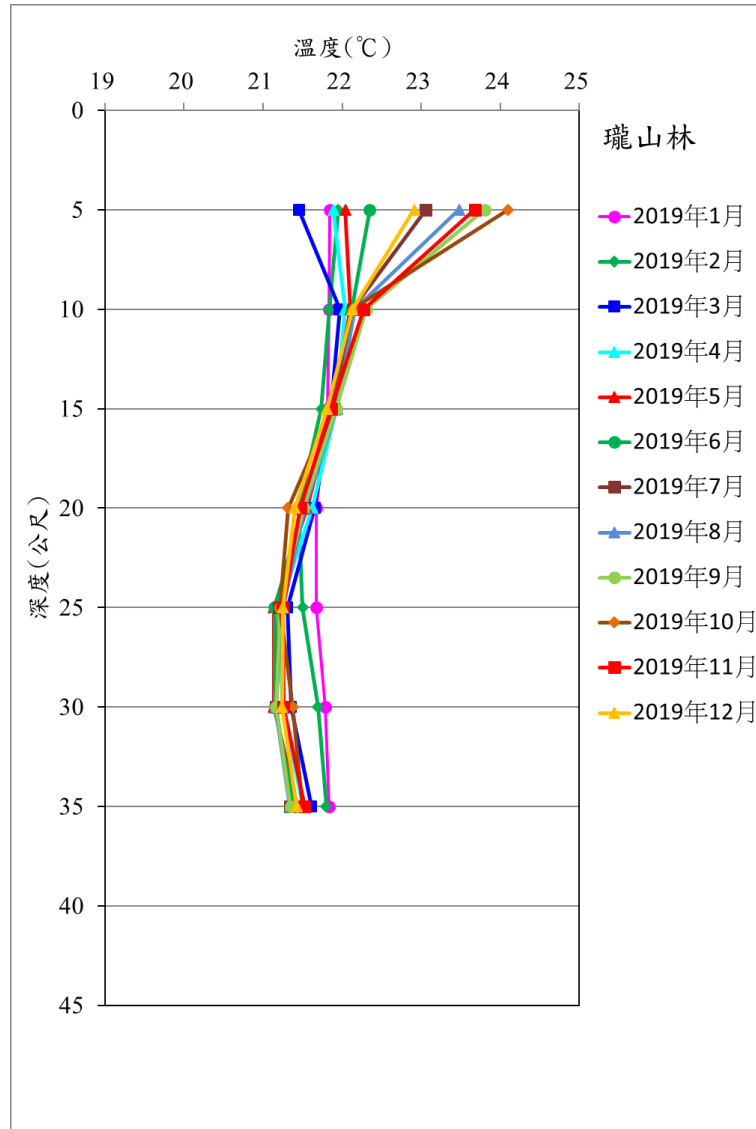


圖 3-46 SA02 隴山林垂向溫度

(17) 煙波監測井

5-15 公尺的溫度受氣溫影響，變化較大，呈現明顯的花狀構造，15-60 公尺的溫度約 21.5-23.6°C，溫度年變化小於 0.3°C。

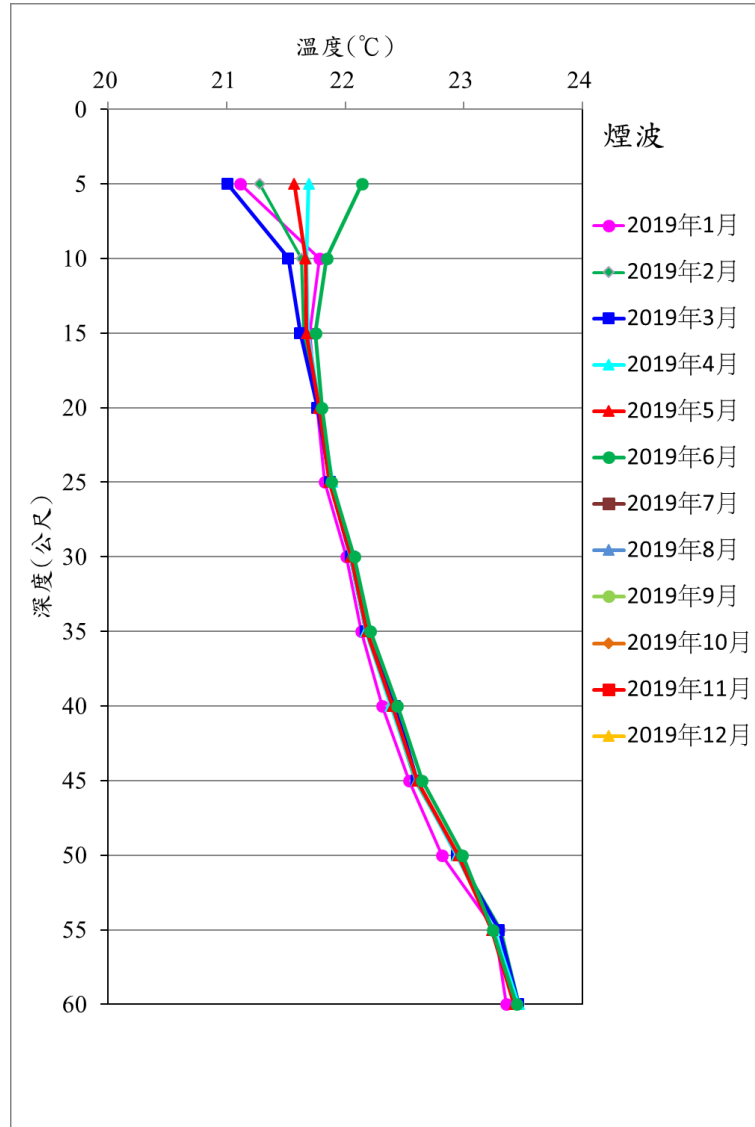


圖 3-47 SA03 煙波垂向溫度

(18)冷泉公園監測井

本井為所有監測井(含礁溪溫泉區)中深度最深，0-15 公尺受氣溫影響，變化較大，呈現明顯的花狀構造。20 公尺以下的溫度有越深越高的趨勢，溫度梯度約每公尺 0.058°C。115-130 公尺處溫度梯度變大，溫度年變化也較大，可能該處存在岩層裂縫，為深部溫度較高的地下水流動通道。

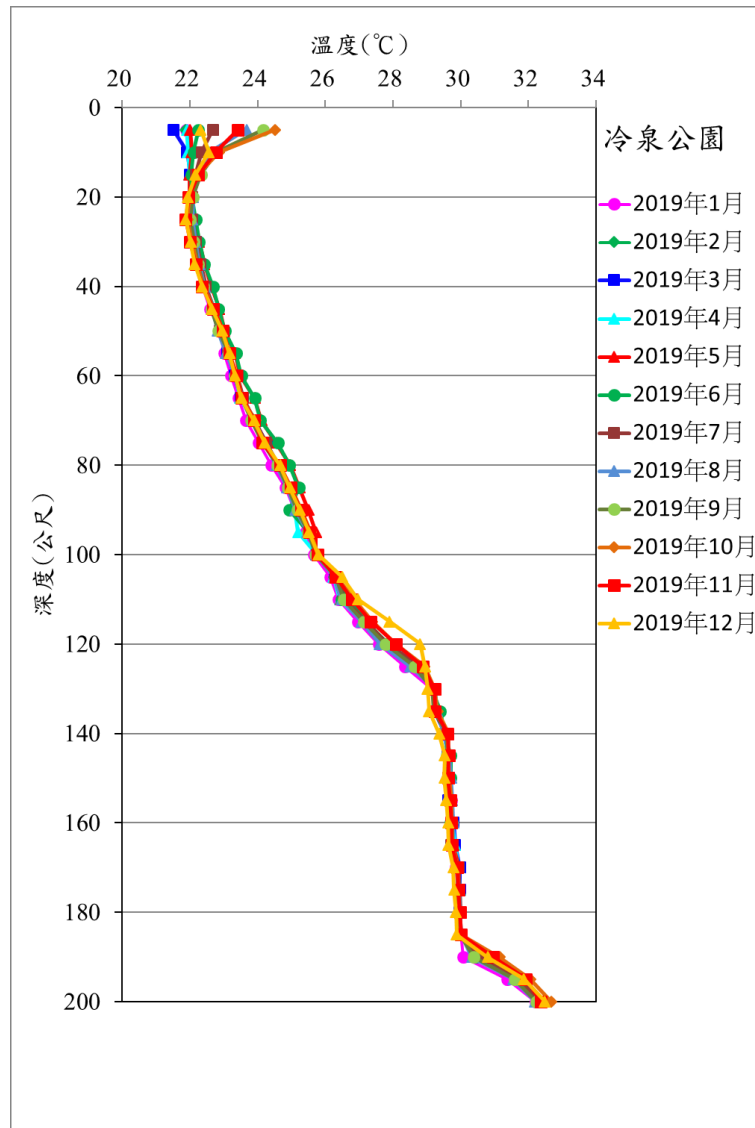


圖 3-48 SA04 冷泉公園垂向溫度

三、導電度和酸鹼值

導電度跟溫度有關，在進行長期監測時，若溫度有變化，導電度也會隨之改變。本案討論導電度時，已將所有的導電度測量值修正到 25°C。監測結果(圖 3-49)，礁溪溫泉的導電度以香檳監測井最高，約 931 μ S (3 月)，五峰路監測井最低，約 90 μ S (6 月)。推測香檳監測井位在溫泉核心區，有較高的溫泉混和比例，因此導電度高，五峰路監測井最靠近得子口溪，受溪水補注大，因此導電度偏低。變化量以別墅區三監測井 466 μ S 最大，公園監測井 61 μ S 最小。蘇澳冷泉的導電度以冷泉公園監測井最高，約 8458 μ S (8 月)，溝邊監測井最低，約 102 μ S (7 月)。推測冷泉公園監測井因為深度深，地下水中可能含有海水成分，所以導電度最高。溝邊可能受降雨補注影響，導電度偏低。導電度變化以冷泉公園監測井 8015 μ S 最大，溝邊監測井 146 μ S 最小(表 3-80)。

酸鹼值監測結果(圖 3-50)，礁溪溫泉除了礁溪鄉公所監測井經常略小於 7 以外，其餘各監測井大都在 7~8 之間，呈現弱鹼，其中以遊客中心監測井 8.42 (3 月)最高、礁溪鄉公所監測井 6.72 (4 月)最低(大忠路 10 月也出現 6.72)。酸鹼值變化量以公園監測井 0.81 最大，別墅區三監測井 0.25 最小。蘇澳冷泉除瓏山林監測井偶而會大於 7 以外，其餘都大都介於 5~7 之間，其餘都呈弱酸，推測是水中含二氧化碳，形成碳酸氫根造成水質呈弱酸性，其中以瓏山林監測井 7.21 (6 月)最高，溝邊監測井 5.23 (10 月)最低，酸鹼值變化量以瓏山林監測井 1.82 最大，溝邊監測井 0.44 最小(表 3-81)。

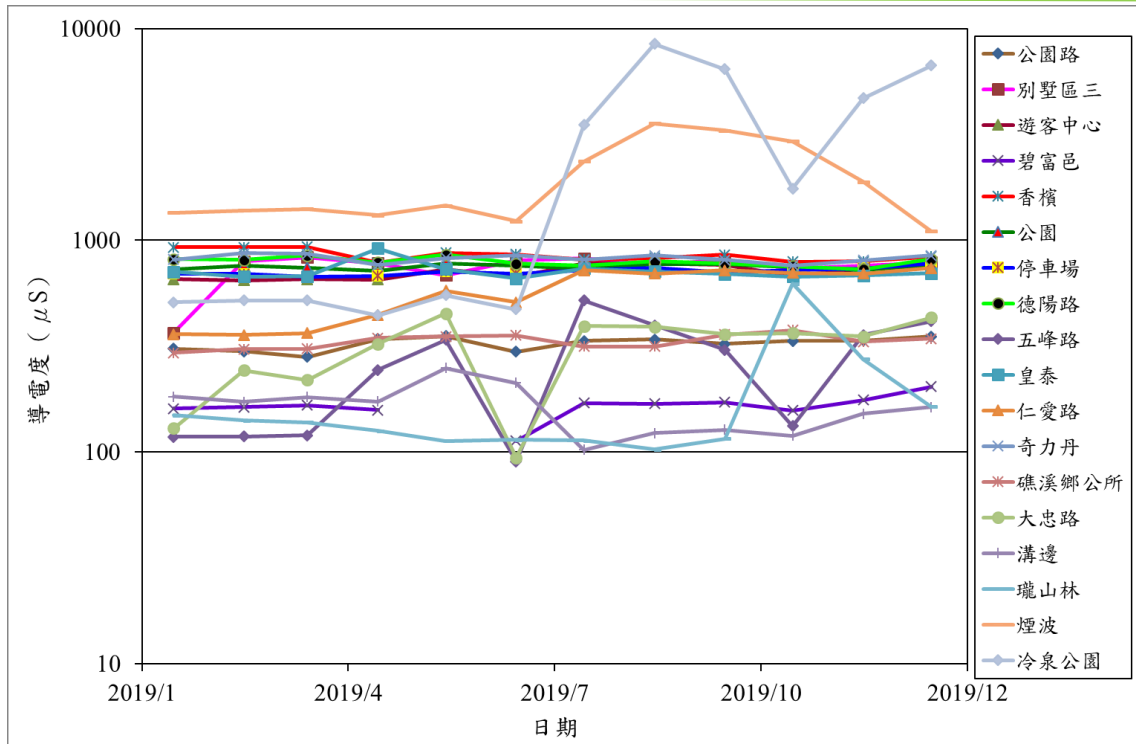


圖 3-49 礁溪溫泉和蘇澳冷泉各監測井導電度

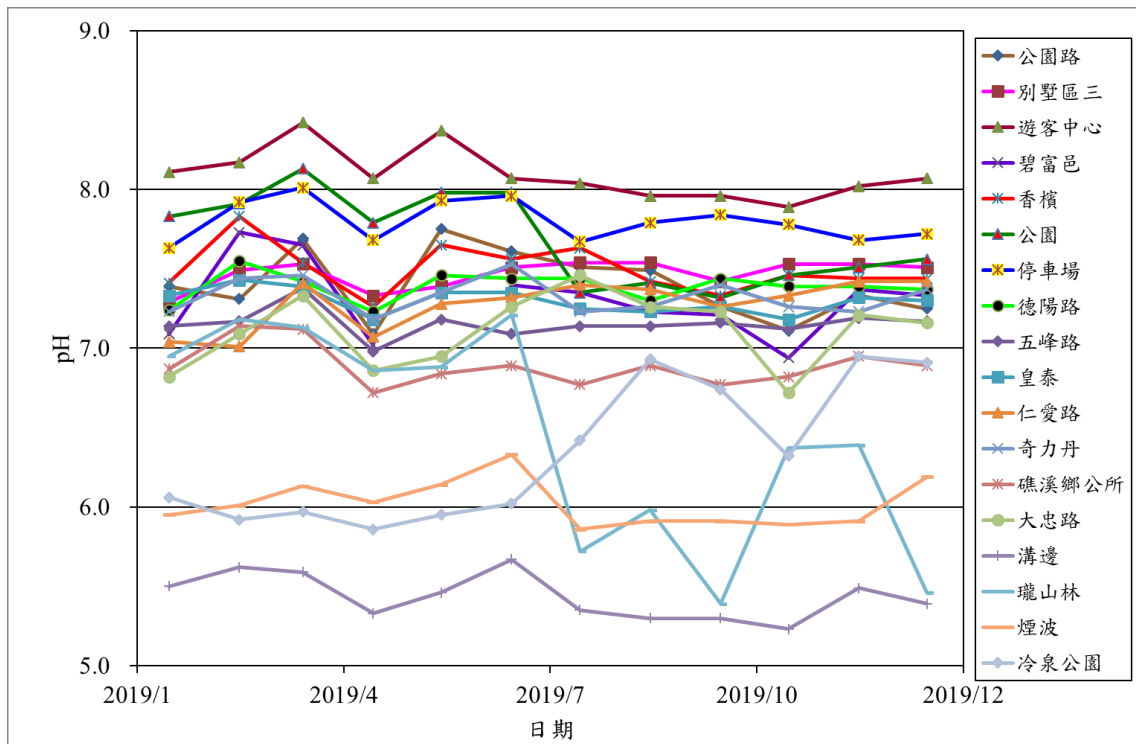


圖 3-50 礁溪溫泉和蘇澳冷泉各監測井酸鹼值

表 3-80 各監測井導電度(μS)

井數	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
井編號	JS01	JS02	JS03	JS04	JS05	JS07	JS08	JS09	JS10	JS11	JS12	JS13	JS14	JS15	SA01	SA02	SA03	SA04
井名	公園路	別墅區三	遊客中心	碧富邑	香檳	公園	停車場	德陽路	五峰路	皇泰	仁愛路	奇力丹	礁溪鄉公所	大忠路	溝邊	瓏山林	煙波	冷泉公園
2019年1月	307	365	655	160	929	731	696	815	118	711	360	813	295	129	182	149	1350	510
2019年2月	299	795	648	163	929	762	692	807	118	674	358	869	306	243	173	141	1386	520
2019年3月	282	831	654	166	931	742	673	848	120	678	364	864	308	219	182	138	1407	520
2019年4月	342	781	652	158	781	719	679	785	245	915	444	764	346	324	173	126	1312	443
2019年5月	353	686	728	160	874	780	712	856	339	731	578	826	351	451	249	113	1457	551
2019年6月	298	806	673	113	861	758	696	776	90	660	509	847	355	94	212	114	1234	471
2019年7月	335	821	779	171	811	734	725	758	521	738	722	808	315	394	102	113	2359	3504
2019年8月	340	768	779	169	825	769	739	796	396	714	697	849	315	391	123	103	3561	8458
2019年9月	324	812	763	172	855	770	706	776	304	693	722	810	358	361	127	116	3307	6443
2019年10月	335	734	679	157	792	748	721	755	132	674	703	762	376	365	119	624	2931	1760
2019年11月	336	759	734	176	795	726	737	731	357	683	695	806	332	352	152	274	1889	4689
2019年12月	352	785	781	203	837	769	779	814	415	698	741	847	344	432	163	164	1103	6690
平均	325	745	710	164	852	751	713	793	263	714	574	822	333	313	163	181	1941	2880
最小值	282	365	648	113	781	719	673	731	90	660	358	762	295	94	102	103	1103	443
最大值	353	831	781	203	931	780	779	856	521	915	741	869	376	451	249	624	3561	8458
差值	71	466	133	91	149	61	106	125	430	255	383	107	82	357	146	521	2458	8015

表 3-81 各監測井酸鹼值

井數	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
井編號	JS01	JS02	JS03	JS04	JS05	JS07	JS08	JS09	JS10	JS11	JS12	JS13	JS14	JS15	SA01	SA02	SA03	SA04
井名	公園路	別墅區三	遊客中心	碧富巴	香檳	公園	停車場	德陽路	五峰路	皇泰	仁愛路	奇力丹	礁溪鄉公所	大忠路	溝邊	瓏山林	煙波	冷泉公園
2019年1月	7.39	7.29	8.11	7.09	7.41	7.83	7.63	7.24	7.14	7.33	7.04	7.23	6.87	6.82	5.50	6.95	5.95	6.06
2019年2月	7.31	7.49	8.17	7.73	7.83	7.91	7.92	7.55	7.17	7.43	7.01	7.44	7.14	7.09	5.62	7.18	6.01	5.92
2019年3月	7.69	7.53	8.42	7.65	7.54	8.13	8.01	7.42	7.38	7.39	7.41	7.46	7.12	7.33	5.59	7.13	6.13	5.97
2019年4月	7.09	7.33	8.07	7.02	7.26	7.79	7.68	7.23	6.98	7.18	7.07	7.18	6.72	6.86	5.33	6.86	6.03	5.86
2019年5月	7.75	7.39	8.37	7.00	7.65	7.98	7.93	7.46	7.18	7.35	7.28	7.35	6.84	6.95	5.46	6.88	6.14	5.95
2019年6月	7.61	7.51	8.07	7.40	7.56	7.98	7.96	7.44	7.09	7.35	7.32	7.53	6.89	7.26	5.67	7.21	6.33	6.02
2019年7月	7.51	7.54	8.04	7.35	7.63	7.35	7.67	7.44	7.14	7.25	7.40	7.23	6.77	7.46	5.35	5.72	5.86	6.42
2019年8月	7.49	7.54	7.96	7.23	7.42	7.41	7.79	7.30	7.14	7.23	7.37	7.26	6.89	7.26	5.30	5.98	5.91	6.93
2019年9月	7.26	7.42	7.96	7.21	7.33	7.32	7.84	7.44	7.16	7.26	7.26	7.40	6.77	7.23	5.30	5.39	5.91	6.74
2019年10月	7.11	7.53	7.89	6.94	7.46	7.46	7.78	7.39	7.12	7.18	7.33	7.26	6.82	6.72	5.23	6.37	5.89	6.32
2019年11月	7.33	7.53	8.02	7.37	7.44	7.51	7.68	7.39	7.19	7.32	7.42	7.23	6.95	7.21	5.49	6.39	5.91	6.95
2019年12月	7.25	7.51	8.07	7.33	7.44	7.56	7.72	7.37	7.17	7.30	7.42	7.37	6.89	7.16	5.39	5.46	6.19	6.91
平均	7.40	7.47	8.10	7.28	7.50	7.69	7.80	7.39	7.16	7.30	7.28	7.33	6.89	7.11	5.44	6.46	6.02	6.34
最小值	7.09	7.29	7.89	6.94	7.26	7.32	7.63	7.23	6.98	7.18	7.01	7.18	6.72	6.72	5.23	5.39	5.86	5.86
最大值	7.75	7.54	8.42	7.73	7.83	8.13	8.01	7.55	7.38	7.43	7.42	7.53	7.14	7.46	5.67	7.21	6.33	6.95
差值	0.66	0.25	0.53	0.79	0.57	0.81	0.38	0.32	0.40	0.25	0.41	0.35	0.42	0.74	0.44	1.82	0.47	1.09

四、人工量測水位

水位資料以井口標高修正為高程(圖 3-51)，礁溪溫泉以別墅區三監測井水位最高，約 20.22 公尺(10 月)，奇立丹監測井最低，約 4.38 公尺(12 月)，變化量以五峰路監測井 4.53 最大，奇立丹監測井 0.91 公尺最小。蘇澳冷泉以瓏山林監測井水位最高，約 3.92 公尺(1 月)，煙波監測井最低，約 1.04 公尺(8 月)，變化量以瓏山林監測井 1.59 公尺最大，煙波監測井 0.83 公尺最小(表 3-82)。

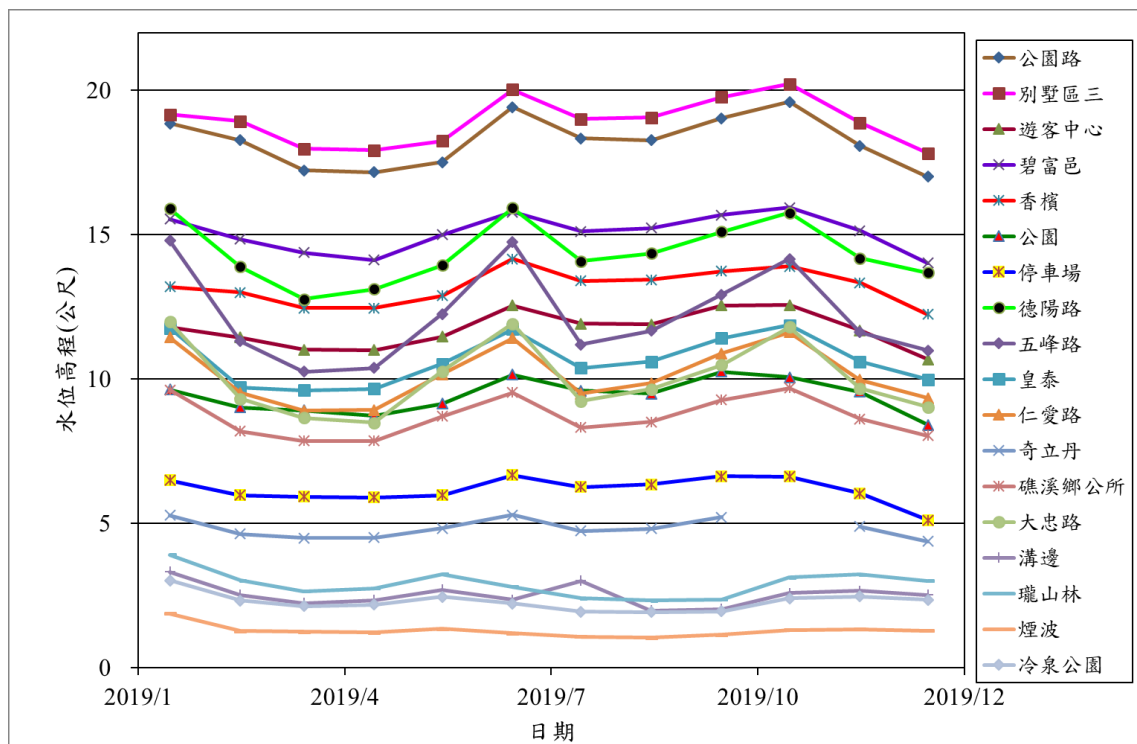


圖 3-51 礁溪溫泉和蘇澳冷泉各監測井人工量測水位

表 3-82 各監測井人工量測水位高程

井數	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
井編號	JS01	JS02	JS03	JS04	JS05	JS07	JS08	JS09	JS10	JS11	JS12	JS13	JS14	JS15	SA01	SA02	SA03	SA04
井名	公園路	別墅區三	遊客中心	碧富邑	香檳	公園	停車場	德陽路	五峰路	皇泰	仁愛路	奇立丹	礁溪鄉公所	大忠路	溝邊	瓏山林	煙波	冷泉公園
2019年1月	18.86	19.16	11.79	15.54	13.20	9.63	6.49	15.90	14.79	11.76	11.45	5.28	9.62	11.98	3.32	3.92	1.87	3.02
2019年2月	18.28	18.93	11.44	14.85	13.00	9.01	5.98	13.89	11.31	9.72	9.53	4.63	8.19	9.31	2.52	3.03	1.27	2.32
2019年3月	17.23	17.97	11.02	14.39	12.47	8.91	5.93	12.77	10.26	9.61	8.91	4.49	7.85	8.65	2.24	2.65	1.25	2.13
2019年4月	17.17	17.92	11.00	14.13	12.46	8.72	5.90	13.12	10.39	9.66	8.93	4.50	7.85	8.49	2.35	2.75	1.22	2.18
2019年5月	17.52	18.25	11.47	15.00	12.89	9.15	5.98	13.94	12.26	10.53	10.17	4.83	8.70	10.27	2.71	3.25	1.35	2.46
2019年6月	19.43	20.03	12.55	15.79	14.17	10.15	6.68	15.92	14.74	11.72	11.42	5.29	9.53	11.92	2.36	2.80	1.19	2.22
2019年7月	18.34	19.01	11.92	15.12	13.40	9.60	6.26	14.08	11.20	10.39	9.50	4.74	8.32	9.23	3.02	2.41	1.08	1.94
2019年8月	18.28	19.06	11.89	15.24	13.44	9.49	6.36	14.35	11.67	10.60	9.86	4.82	8.51	9.65	1.98	2.33	1.04	1.92
2019年9月	19.04	19.77	12.55	15.69	13.74	10.25	6.64	15.10	12.93	11.41	10.89	5.22	9.27	10.49	2.03	2.37	1.14	1.95
2019年10月	19.60	20.22	12.56	15.95	13.91	10.06	6.63	15.76	14.16	11.86	11.63	自湧	9.68	11.80	2.59	3.13	1.31	2.40
2019年11月	18.08	18.88	11.69	15.15	13.34	9.56	6.04	14.19	11.62	10.60	9.97	4.89	8.61	9.67	2.67	3.23	1.34	2.47
2019年12月	17.01	17.82	10.68	14.03	12.25	8.41	5.11	13.68	10.99	9.98	9.35	4.38	8.04	9.03	2.53	3.01	1.28	2.35
平均	18.23	18.92	11.71	15.07	13.19	9.41	6.16	14.39	12.19	10.65	10.13	4.83	8.68	10.04	2.52	2.91	1.28	2.28
最小值	17.01	17.82	10.68	14.03	12.25	8.41	5.11	12.77	10.26	9.61	8.91	4.38	7.85	8.49	1.98	2.33	1.04	1.92
最大值	19.60	20.22	12.56	15.95	14.17	10.25	6.68	15.92	14.79	11.86	11.63	5.29	9.68	11.98	3.32	3.92	1.87	3.02
差值	2.59	2.40	1.88	1.92	1.92	1.84	1.57	3.15	4.53	2.25	2.72	0.91	1.83	3.49	1.34	1.59	0.83	1.10

五、民家水溫和水位

4 口民家的監測井為溫泉既有業者(溫泉法實施以前的溫泉使用者)的溫泉使用井，其基本資料使用者也不清楚，因此僅有井位所在的地址，無詳細井況資料如下：

井號	位置
JS51	湯圍街 52 號
JS52	德陽街 17 號
JS53	中山路二段 101 號
JS54	中山路二段 121 巷 2 號

民家監測井因日常抽取溫泉，水位的日變化大(圖 3-52~圖 3-55)，統計結果(表 3-83~表 3-90)，水溫最高為 JS51 湯圍街 52 號井，日均溫為 51.040°C (12 月 30 日)，最低為 JS52 德陽街 17 號井，日均溫為 38.990°C (1 月 2 日)。水位最高為 JS52 德陽街 17 號井，日均水位為 0.005 公尺 (10 月 2 日)，最低為 JS53 中山路二段 101 號井，日均水位為 5.035 公尺(2 月 24 日)。民家監測的主要目的為了解 2014/1/1 鄰近麒麟飯店點井後，水溫的回升情形，目前各監測井的溫度除了 JS52 監測井以外，都已回升至 40°C 以上。

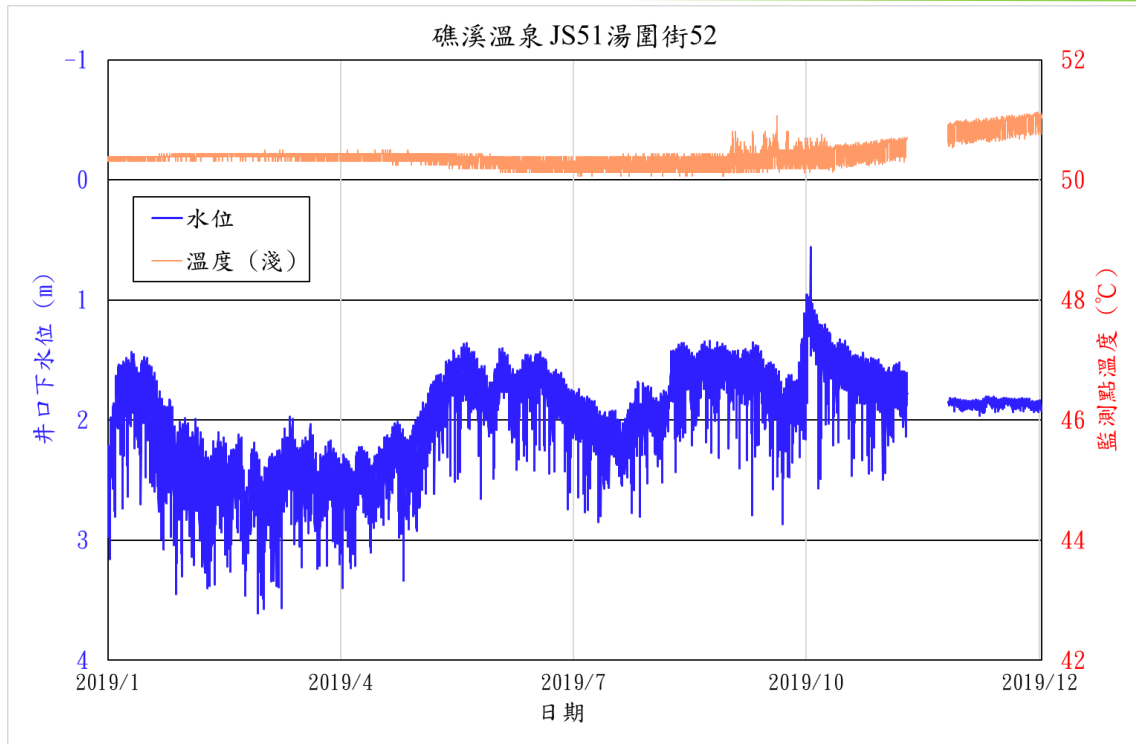


圖 3-52 JS51 湯圍街 52 號監測井水溫和水位變化

資料缺失時段：溫度 11/10-11/24、水位 11/10-11/24。儀器故障，舊儀器過保固期，更換新儀器。

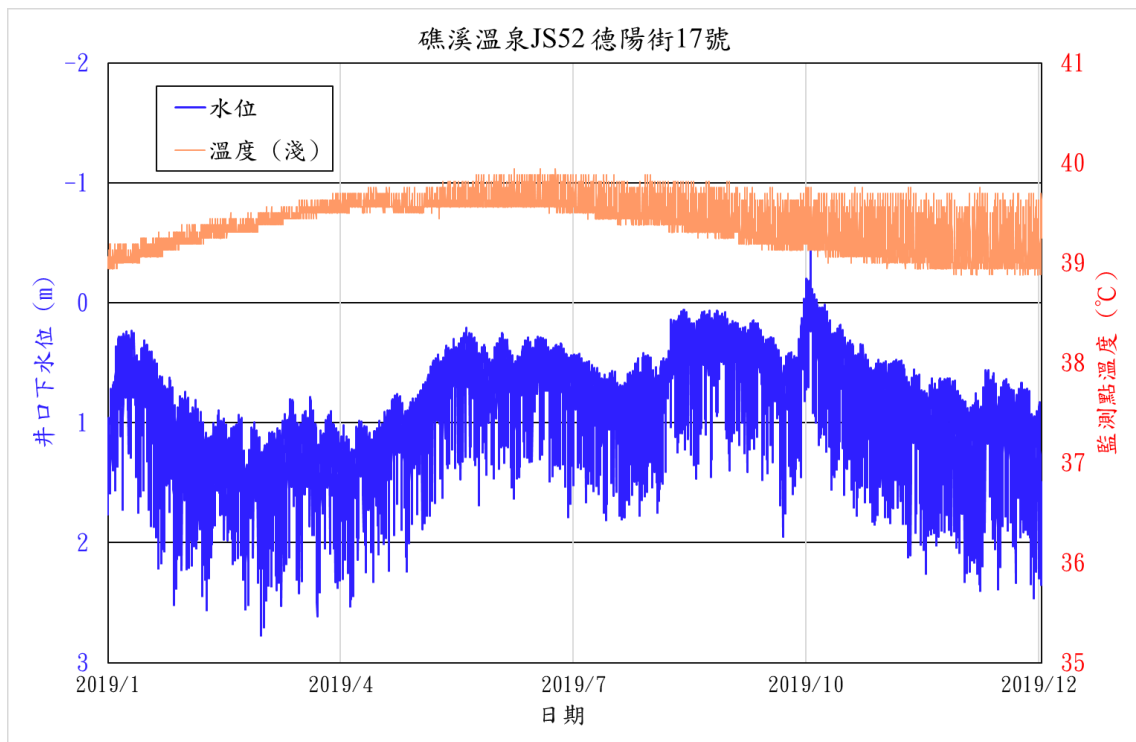


圖 3-53 JS52 德陽街 17 號監測井水溫和水位變化

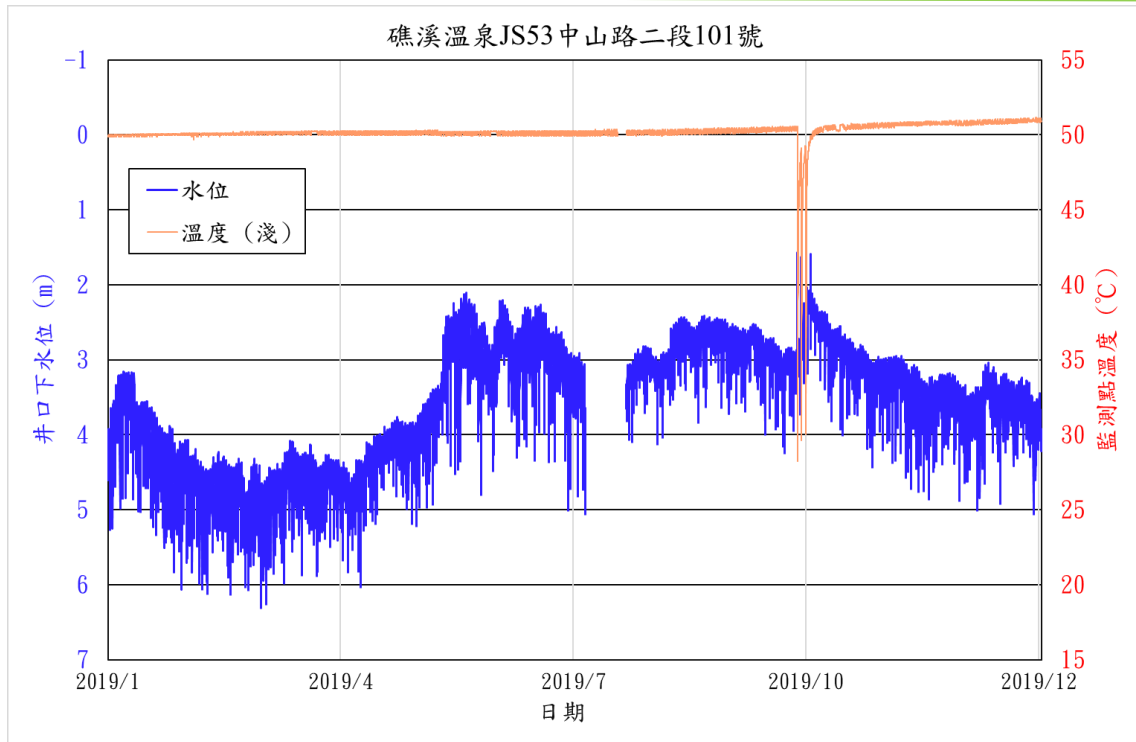


圖 3-54 JS53 中山路二段 101 號監測井水溫和水位變化

資料缺失時段：水位 7/7-7/21。儀器故障，送回儀器商維修。

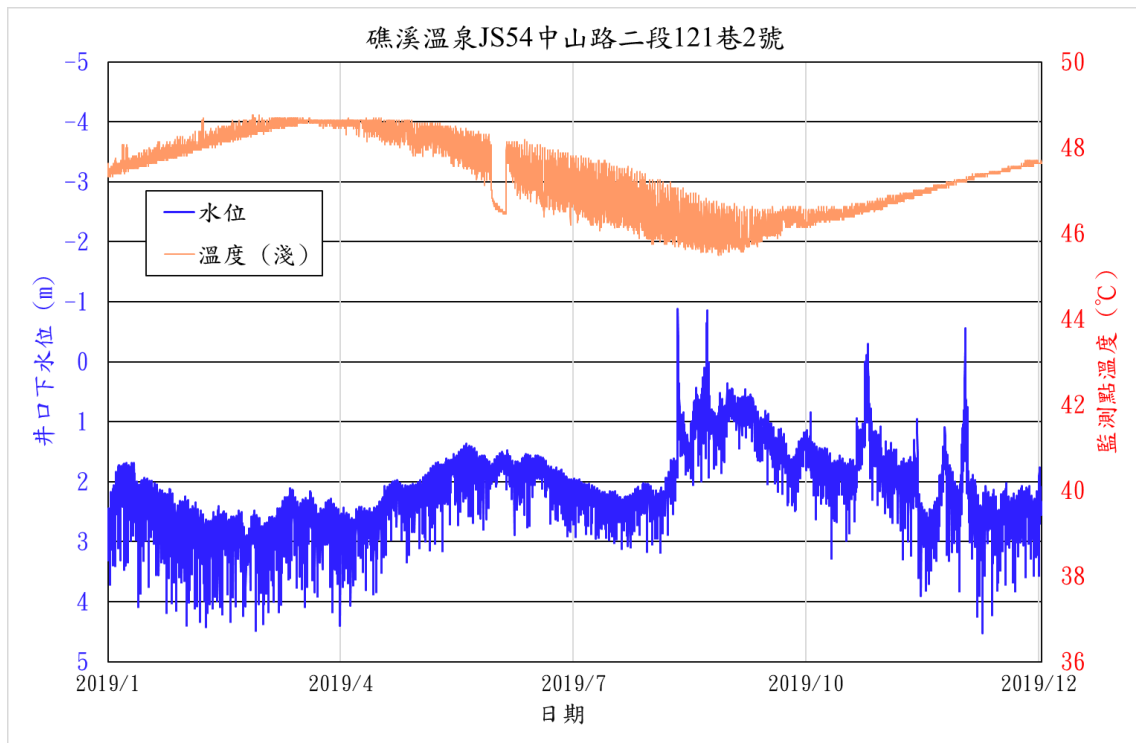


圖 3-55 JS54 中山路二段 121 巷 2 號監測井水溫和水位變化

表 3-83 JS51 湯圍街 52 號監測井日均溫(淺部)數值

水溫	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	50.333	50.415	50.422	50.422	50.395	50.351	50.274	50.318	50.318	50.456	50.571	50.897
2	50.342	50.406	50.423	50.411	50.390	50.337	50.226	50.314	50.401	50.378	50.601	50.902
3	50.352	50.396	50.422	50.382	50.390	50.331	50.251	50.300	50.394	50.443	50.563	50.817
4	50.364	50.398	50.417	50.414	50.411	50.311	50.257	50.304	50.368	50.410	50.557	50.839
5	50.358	50.406	50.424	50.403	50.389	50.290	50.269	50.279	50.363	50.442	50.581	50.847
6	50.360	50.406	50.416	50.417	50.372	50.289	50.261	50.327	50.351	50.426	50.601	50.871
7	50.371	50.411	50.415	50.411	50.383	50.270	50.280	50.329	50.329	50.421	50.594	50.905
8	50.371	50.414	50.415	50.423	50.369	50.284	50.296	50.321	50.364	50.418	50.598	50.842
9	50.367	50.425	50.416	50.402	50.368	50.317	50.266	50.339	50.340	50.407	50.684	50.889
10	50.371	50.420	50.423	50.413	50.413	50.300	50.271	50.300	50.371	50.445	*	50.901
11	50.365	50.412	50.401	50.401	50.351	50.257	50.254	50.326	50.345	50.426	*	50.853
12	50.373	50.406	50.418	50.401	50.382	50.293	50.318	50.285	50.351	50.506	*	50.878
13	50.371	50.405	50.414	50.392	50.374	50.290	50.265	50.293	50.406	50.489	*	50.901
14	50.371	50.414	50.430	50.390	50.348	50.315	50.285	50.316	50.450	50.465	*	50.947
15	50.373	50.425	50.415	50.416	50.349	50.310	50.279	50.303	50.401	50.501	*	50.875
16	50.376	50.419	50.411	50.390	50.352	50.302	50.274	50.312	50.390	50.507	*	50.958
17	50.374	50.424	50.417	50.398	50.358	50.289	50.262	50.297	50.382	50.422	*	50.921
18	50.371	50.420	50.418	50.423	50.338	50.293	50.299	50.308	50.486	50.445	*	50.956
19	50.377	50.424	50.415	50.427	50.346	50.261	50.301	50.317	50.480	50.453	*	50.985
20	50.374	50.414	50.405	50.414	50.333	50.291	50.286	50.336	50.412	50.478	*	50.947
21	50.380	50.420	50.397	50.428	50.345	50.301	50.291	50.331	50.379	50.513	*	50.940
22	50.375	50.417	50.401	50.392	50.331	50.285	50.280	50.316	50.417	50.450	*	50.964
23	50.381	50.421	50.412	50.402	50.345	50.264	50.285	50.332	50.546	50.498	*	50.983
24	50.378	50.415	50.405	50.389	50.340	50.311	50.268	50.317	50.392	50.511	*	50.975
25	50.383	50.416	50.412	50.405	50.358	50.289	50.285	50.291	50.399	50.463	50.739	50.978
26	50.395	50.420	50.416	50.402	50.375	50.281	50.306	50.320	50.433	50.489	50.844	51.036
27	50.395	50.418	50.418	50.410	50.338	50.278	50.292	50.310	50.432	50.512	50.825	50.985
28	50.398	50.416	50.414	50.394	50.350	50.310	50.268	50.314	50.437	50.560	50.904	50.994
29	50.405	--	50.417	50.399	50.349	50.274	50.318	50.285	50.435	50.488	50.887	51.034
30	50.400	--	50.404	50.378	50.353	50.258	50.263	50.269	50.403	50.572	50.862	51.040
31	50.409	--	50.414	--	50.347	--	50.287	50.334	--	50.535	--	51.021
月平均	50.375	50.414	50.414	50.405	50.363	50.294	50.278	50.311	50.399	50.469	50.694	50.932
本月最高	50.409	50.425	50.430	50.428	50.413	50.351	50.318	50.339	50.546	50.572	50.904	51.040
本月最低	50.333	50.396	50.397	50.378	50.331	50.257	50.226	50.269	50.318	50.378	50.557	50.817

表 3-84 JS51 湯圍街 52 號監測井日均水位數值

水位	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	2.548	2.486	2.816	2.644	2.342	1.854	1.986	1.917	1.678	1.152	1.837	1.874
2	2.248	2.513	2.843	2.646	2.276	1.738	1.964	2.015	1.598	1.118	1.826	1.880
3	2.105	2.432	2.738	2.554	2.201	1.613	1.932	2.077	1.570	1.212	1.817	1.872
4	1.864	2.399	2.624	2.631	2.165	1.611	1.944	2.103	1.623	1.275	1.734	1.873
5	1.853	2.487	2.569	2.729	2.128	1.616	2.021	2.017	1.662	1.446	1.719	1.872
6	1.911	2.595	2.588	2.745	2.069	1.656	2.122	1.955	1.612	1.540	1.743	1.870
7	1.794	2.574	2.642	2.618	1.959	1.797	2.098	1.926	1.685	1.423	1.792	1.883
8	1.806	2.759	2.578	2.457	1.981	1.865	2.059	1.816	1.670	1.464	1.828	1.878
9	1.816	2.751	2.634	2.416	1.901	1.824	2.034	1.669	1.644	1.483	1.766	1.858
10	1.708	2.628	2.514	2.447	1.874	1.791	2.053	1.663	1.585	1.472	*	1.836
11	1.758	2.568	2.380	2.486	1.921	1.734	2.102	1.645	1.540	1.622	*	1.836
12	1.868	2.496	2.323	2.582	1.886	1.684	2.173	1.582	1.587	1.628	*	1.847
13	1.916	2.450	2.302	2.654	1.728	1.688	2.204	1.578	1.677	1.590	*	1.844
14	1.763	2.498	2.306	2.626	1.705	1.660	2.200	1.585	1.786	1.559	*	1.861
15	1.733	2.509	2.464	2.589	1.645	1.704	2.197	1.589	1.781	1.530	*	1.864
16	1.812	2.611	2.585	2.476	1.661	1.715	2.120	1.629	1.755	1.537	*	1.853
17	1.959	2.673	2.597	2.444	1.708	1.631	2.111	1.736	1.754	1.591	*	1.844
18	1.984	2.533	2.423	2.439	1.743	1.656	2.142	1.755	1.769	1.694	*	1.845
19	2.024	2.463	2.427	2.388	1.662	1.621	2.198	1.680	1.866	1.735	*	1.849
20	2.139	2.459	2.395	2.447	1.604	1.681	2.240	1.635	1.897	1.696	*	1.863
21	2.224	2.437	2.331	2.384	1.603	1.698	2.234	1.539	2.068	1.668	*	1.863
22	2.310	2.495	2.488	2.283	1.664	1.855	2.165	1.574	2.034	1.629	*	1.863
23	2.257	2.802	2.693	2.218	1.677	1.867	2.128	1.578	1.903	1.634	*	1.862
24	2.269	2.836	2.748	2.256	1.673	1.836	2.085	1.661	1.872	1.705	*	1.853
25	2.230	2.628	2.539	2.260	1.816	1.810	2.058	1.663	1.884	1.800	1.863	1.854
26	2.414	2.517	2.544	2.352	1.881	1.788	1.941	1.636	1.878	1.769	1.849	1.855
27	2.598	2.464	2.471	2.483	1.782	1.801	1.967	1.598	1.841	1.724	1.852	1.872
28	2.430	2.673	2.431	2.440	1.778	1.862	2.050	1.560	1.796	1.693	1.852	1.888
29	2.415	--	2.465	2.317	1.862	1.971	1.946	1.568	1.539	1.705	1.862	1.887
30	2.357	--	2.601	2.279	1.895	2.018	1.943	1.562	1.241	1.748	1.876	1.875
31	2.340	--	2.653	--	1.894	--	1.906	1.667	--	1.812	--	1.875
月平均	2.079	2.562	2.539	2.476	1.861	1.755	2.075	1.715	1.726	1.570	1.814	1.863
本月最高	2.598	2.836	2.843	2.745	2.342	2.018	2.240	2.103	2.068	1.812	1.876	1.888
本月最低	1.708	2.399	2.302	2.218	1.603	1.611	1.906	1.539	1.241	1.118	1.719	1.836

表 3-85 JS52 德陽街 17 號監測井日均溫(淺部)數值

水溫	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	39.020	39.220	39.403	39.561	39.535	39.629	39.608	39.521	39.368	39.308	39.126	39.139
2	38.990	39.242	39.423	39.563	39.549	39.653	39.570	39.522	39.358	39.278	39.155	39.133
3	39.018	39.257	39.416	39.549	39.550	39.645	39.568	39.474	39.394	39.271	39.219	39.171
4	39.022	39.248	39.426	39.573	39.572	39.648	39.574	39.490	39.362	39.297	39.156	38.995
5	39.038	39.215	39.418	39.571	39.599	39.616	39.580	39.468	39.324	39.278	39.196	39.180
6	39.047	39.261	39.413	39.595	39.588	39.646	39.600	39.492	39.305	39.252	39.136	39.140
7	39.043	39.275	39.430	39.595	39.590	39.644	39.559	39.448	39.363	39.291	39.229	39.230
8	39.018	39.279	39.430	39.590	39.580	39.656	39.564	39.445	39.316	39.271	39.154	39.207
9	39.021	39.307	39.431	39.584	39.602	39.634	39.601	39.450	39.363	39.202	39.185	39.185
10	39.044	39.311	39.466	39.565	39.594	39.641	39.522	39.485	39.325	39.244	39.199	39.152
11	39.063	39.302	39.458	39.579	39.626	39.637	39.532	39.439	39.272	39.282	39.132	39.023
12	39.065	39.314	39.460	39.588	39.625	39.652	39.561	39.526	39.293	39.250	39.129	39.084
13	39.081	39.301	39.459	39.588	39.616	39.654	39.549	39.476	39.292	39.246	39.103	39.140
14	39.128	39.304	39.451	39.595	39.628	39.630	39.552	39.448	39.291	39.204	39.144	39.141
15	39.122	39.328	39.461	39.598	39.605	39.649	39.523	39.444	39.322	39.233	39.139	39.098
16	39.079	39.323	39.488	39.584	39.614	39.640	39.531	39.414	39.313	39.194	39.215	39.109
17	39.106	39.348	39.508	39.571	39.610	39.634	39.514	39.427	39.323	39.177	39.152	39.176
18	39.121	39.338	39.518	39.573	39.614	39.656	39.514	39.468	39.273	39.213	39.119	39.094
19	39.123	39.331	39.505	39.580	39.651	39.624	39.498	39.398	39.221	39.241	39.118	39.086
20	39.148	39.329	39.504	39.599	39.635	39.633	39.532	39.450	39.238	39.270	39.128	39.135
21	39.134	39.327	39.518	39.583	39.621	39.623	39.549	39.386	39.264	39.202	39.125	39.073
22	39.155	39.345	39.508	39.579	39.619	39.639	39.501	39.443	39.310	39.223	39.139	39.178
23	39.149	39.337	39.523	39.560	39.631	39.658	39.517	39.407	39.251	39.159	39.104	39.079
24	39.163	39.364	39.528	39.546	39.629	39.660	39.486	39.432	39.272	39.185	39.119	39.078
25	39.166	39.360	39.534	39.550	39.650	39.648	39.477	39.406	39.238	39.174	39.141	39.096
26	39.181	39.373	39.539	39.558	39.626	39.585	39.490	39.382	39.248	39.190	39.165	39.071
27	39.206	39.338	39.532	39.581	39.654	39.620	39.520	39.394	39.281	39.185	39.041	39.138
28	39.199	39.385	39.533	39.560	39.626	39.630	39.491	39.370	39.298	39.196	39.123	39.128
29	39.218	--	39.550	39.563	39.613	39.589	39.500	39.394	39.264	39.174	39.120	39.122
30	39.199	--	39.549	39.561	39.608	39.600	39.542	39.410	39.326	39.175	39.070	39.121
31	39.216	--	39.559	--	39.644	--	39.513	39.393	--	39.178	--	39.102
月平均	39.106	39.309	39.482	39.575	39.610	39.636	39.537	39.442	39.302	39.227	39.143	39.123
本月最高	39.218	39.385	39.559	39.599	39.654	39.660	39.608	39.526	39.394	39.308	39.229	39.230
本月最低	38.990	39.215	39.403	39.546	39.535	39.585	39.477	39.370	39.221	39.159	39.041	38.995

表 3-86 JS52 德陽街 17 號監測井日均水位數值

水位	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	1.338	1.328	1.704	1.461	1.156	0.689	0.739	0.732	0.478	0.042	0.837	1.322
2	1.050	1.359	1.722	1.428	1.107	0.617	0.662	0.822	0.387	0.005	0.926	1.346
3	0.894	1.261	1.601	1.384	1.060	0.519	0.643	0.887	0.318	0.119	0.958	1.321
4	0.679	1.269	1.488	1.502	1.034	0.527	0.656	0.903	0.395	0.207	0.841	1.265
5	0.657	1.373	1.403	1.609	0.993	0.515	0.715	0.773	0.449	0.298	0.815	1.323
6	0.714	1.470	1.438	1.641	0.937	0.548	0.856	0.704	0.450	0.374	0.849	1.272
7	0.580	1.460	1.518	1.454	0.832	0.719	0.801	0.666	0.519	0.324	0.820	1.440
8	0.605	1.674	1.448	1.331	0.799	0.796	0.782	0.528	0.522	0.337	0.950	1.353
9	0.666	1.643	1.529	1.237	0.735	0.729	0.790	0.431	0.408	0.375	1.142	1.125
10	0.540	1.520	1.455	1.282	0.769	0.685	0.787	0.400	0.437	0.561	1.123	0.886
11	0.585	1.408	1.261	1.342	0.819	0.621	0.821	0.429	0.362	0.674	0.969	0.897
12	0.789	1.332	1.210	1.402	0.770	0.536	0.880	0.368	0.400	0.654	0.961	1.029
13	0.837	1.282	1.182	1.462	0.623	0.549	0.929	0.346	0.528	0.552	0.899	1.002
14	0.669	1.352	1.179	1.476	0.609	0.560	0.960	0.313	0.630	0.513	1.056	1.220
15	0.613	1.359	1.298	1.406	0.551	0.617	0.881	0.371	0.628	0.601	1.136	1.238
16	0.739	1.465	1.417	1.292	0.571	0.598	0.830	0.395	0.542	0.614	1.240	1.091
17	0.889	1.529	1.426	1.263	0.614	0.493	0.817	0.489	0.551	0.648	1.219	0.989
18	0.890	1.395	1.220	1.278	0.675	0.546	0.841	0.552	0.573	0.664	1.143	1.044
19	0.953	1.338	1.216	1.221	0.584	0.496	0.922	0.474	0.649	0.826	1.081	1.043
20	1.052	1.297	1.183	1.279	0.522	0.518	0.992	0.433	0.740	0.910	1.126	1.188
21	1.104	1.288	1.122	1.201	0.485	0.542	0.979	0.289	0.942	0.766	1.074	1.216
22	1.189	1.345	1.297	1.082	0.552	0.697	0.897	0.352	0.936	0.700	1.028	1.184
23	1.125	1.636	1.533	1.004	0.565	0.699	0.914	0.312	0.718	0.746	1.057	1.175
24	1.144	1.704	1.575	1.027	0.599	0.668	0.835	0.462	0.720	0.767	1.076	1.082
25	1.086	1.483	1.378	1.053	0.738	0.637	0.776	0.423	0.691	0.804	1.069	1.090
26	1.324	1.373	1.364	1.110	0.746	0.576	0.774	0.395	0.713	0.944	1.008	1.110
27	1.452	1.295	1.243	1.320	0.659	0.584	0.810	0.354	0.685	0.970	1.016	1.297
28	1.310	1.535	1.248	1.229	0.642	0.635	0.824	0.307	0.651	0.868	1.095	1.469
29	1.274	--	1.256	1.114	0.704	0.755	0.736	0.309	0.386	0.837	1.186	1.455
30	1.157	--	1.422	1.058	0.732	0.785	0.717	0.333	0.123	0.859	1.294	1.293
31	1.184	--	1.476	--	0.724	--	0.678	0.456	--	0.868	--	1.337
月平均	0.938	1.420	1.381	1.298	0.739	0.615	0.814	0.484	0.551	0.594	1.033	1.197
本月最高	1.452	1.704	1.722	1.641	1.156	0.796	0.992	0.903	0.942	0.970	1.294	1.469
本月最低	0.540	1.261	1.122	1.004	0.485	0.493	0.643	0.289	0.123	0.005	0.815	0.886

表 3-87 JS53 中山路二段 101 號監測井日均溫(淺部)數值

水溫	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	49.930	50.018	50.097	50.083	50.099	50.214	50.079	50.121	50.225	46.511	50.635	50.717
2	49.936	49.999	50.105	50.088	50.105	50.069	50.046	50.129	50.215	49.526	50.618	50.742
3	49.946	50.024	50.100	50.053	50.090	50.093	50.054	50.086	50.201	49.901	50.633	50.753
4	49.939	49.984	50.061	50.096	50.127	50.063	50.110	50.090	50.255	50.108	50.647	50.748
5	49.943	50.057	50.091	50.089	50.134	50.091	50.041	50.099	50.221	50.218	50.698	50.750
6	49.946	50.023	50.090	50.098	50.114	50.055	50.093	50.129	50.242	50.270	50.681	50.759
7	49.949	50.055	50.099	50.074	50.055	50.049	50.100	50.081	50.248	50.326	50.696	50.808
8	49.954	50.036	50.100	50.034	50.106	50.056	50.059	50.106	50.253	50.494	50.717	50.764
9	49.955	50.002	50.115	50.080	50.104	50.083	50.065	50.110	50.277	50.396	50.699	50.798
10	49.958	50.044	50.114	50.082	50.106	50.081	50.096	50.147	50.278	50.432	50.709	50.796
11	49.963	50.045	50.095	50.079	50.101	50.081	50.109	50.098	50.250	50.456	50.726	50.835
12	49.961	50.051	50.080	50.066	50.103	50.050	50.085	50.157	50.247	50.418	50.715	50.806
13	49.969	49.983	50.116	50.092	50.057	50.096	50.131	50.162	50.279	50.272	50.693	50.839
14	49.968	50.045	50.080	50.084	50.090	50.081	50.145	50.174	50.308	50.517	50.717	50.821
15	49.955	50.065	50.115	50.110	50.086	50.102	50.114	50.148	50.285	50.594	50.719	50.824
16	49.968	50.037	50.096	50.065	50.099	50.073	50.057	50.163	50.319	50.407	50.756	50.814
17	49.980	50.056	50.111	50.056	50.104	50.024	50.099	50.166	50.333	50.460	50.760	50.817
18	49.984	50.064	50.098	50.103	50.118	50.077	50.109	50.135	50.331	50.507	50.744	50.834
19	49.998	50.041	50.095	50.061	50.118	50.072	50.074	50.203	50.315	50.554	50.760	50.868
20	49.988	50.041	50.114	50.068	50.097	50.080	*	50.120	50.326	50.491	50.743	50.869
21	49.993	50.040	50.082	50.065	50.077	50.068	*	50.154	50.333	50.482	50.767	50.862
22	50.015	50.050	50.193	50.085	50.117	50.079	50.107	50.181	50.360	50.479	50.726	50.886
23	49.998	50.064	50.193	50.046	50.079	50.085	50.093	50.199	50.369	50.551	50.750	50.898
24	50.011	50.061	50.074	50.059	50.119	50.112	50.092	50.216	50.350	50.537	50.753	50.881
25	50.009	50.051	50.088	50.109	50.098	50.063	50.100	50.186	50.353	50.565	50.748	50.908
26	50.024	50.047	50.070	50.053	50.110	50.049	50.099	50.193	50.382	50.630	50.760	50.924
27	50.031	50.062	50.090	50.088	50.099	50.106	50.127	50.239	45.139	50.592	50.760	50.921
28	50.000	50.088	50.067	50.106	50.097	50.051	50.120	50.197	46.929	50.611	50.763	50.950
29	50.022	--	50.049	50.061	50.117	50.061	50.133	50.220	43.311	50.568	50.715	50.939
30	50.025	--	50.069	50.071	50.080	50.059	50.139	50.183	48.126	50.644	50.708	50.917
31	50.021	--	50.082	--	50.212	--	50.116	50.255	--	50.609	--	50.942
月平均	49.979	50.040	50.098	50.077	50.104	50.077	50.096	50.156	49.702	50.294	50.717	50.838
本月最高	50.031	50.088	50.193	50.110	50.212	50.214	50.145	50.255	50.382	50.644	50.767	50.950
本月最低	49.930	49.983	50.049	50.034	50.055	50.024	50.041	50.081	43.311	46.511	50.618	50.717

表 3-88 JS53 中山路二段 101 號監測井日均水位數值

水位	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	4.208	4.532	4.917	4.609	4.137	3.136	3.418	3.035	2.787	2.237	3.229	3.701
2	3.984	4.619	4.998	4.673	4.039	2.901	3.376	3.129	2.708	2.203	3.282	3.799
3	3.776	4.553	4.965	4.607	3.899	2.640	3.305	3.199	2.710	2.291	3.271	3.746
4	3.550	4.523	4.758	4.708	3.882	2.630	3.320	3.226	2.733	2.376	3.238	3.728
5	3.552	4.732	4.731	4.825	3.834	2.639	3.478	3.144	2.770	2.476	3.235	3.707
6	3.550	4.799	4.748	4.827	3.769	2.719	3.607	3.074	2.755	2.576	3.207	3.690
7	3.452	4.862	4.766	4.678	3.655	3.001	*	3.038	2.819	2.537	3.201	3.775
8	3.484	4.912	4.676	4.536	3.665	3.164	*	2.977	2.796	2.606	3.324	3.694
9	3.474	4.855	4.843	4.544	3.637	3.083	*	2.783	2.715	2.672	3.475	3.475
10	3.443	4.741	4.712	4.530	3.581	3.007	*	2.744	2.713	2.796	3.523	3.281
11	3.593	4.617	4.527	4.454	3.487	2.896	*	2.682	2.694	2.910	3.373	3.306
12	3.885	4.612	4.413	4.327	3.213	2.783	*	2.656	2.748	2.880	3.344	3.407
13	3.935	4.525	4.357	4.393	2.878	2.783	*	2.619	2.845	2.795	3.376	3.402
14	3.829	4.609	4.387	4.348	2.825	2.732	*	2.650	2.969	2.998	3.483	3.586
15	3.824	4.635	4.439	4.337	2.702	2.820	*	2.663	2.936	2.982	3.564	3.644
16	3.856	4.687	4.547	4.230	2.728	2.854	*	2.697	2.904	2.886	3.654	3.505
17	4.037	4.797	4.609	4.168	2.830	2.674	*	2.779	2.907	2.943	3.677	3.453
18	4.112	4.713	4.452	4.150	2.903	2.721	*	2.812	2.943	2.975	3.580	3.476
19	4.124	4.662	4.457	4.113	2.744	2.646	*	2.771	3.035	3.125	3.573	3.523
20	4.191	4.571	4.446	4.170	2.620	2.772	*	2.672	3.074	3.181	3.591	3.616
21	4.243	4.588	4.406	4.128	2.610	2.806	*	2.597	3.224	3.128	3.505	3.646
22	4.392	4.684	4.634	4.025	2.738	3.131	3.437	2.628	3.227	3.040	3.457	3.669
23	4.350	4.970	4.780	3.969	2.768	3.175	3.281	2.629	3.060	3.064	3.529	3.600
24	4.331	5.035	4.741	3.956	2.756	3.105	3.232	2.695	3.047	3.136	3.520	3.547
25	4.292	4.790	4.623	4.007	3.041	3.045	3.165	2.699	3.075	3.219	3.487	3.570
26	4.431	4.680	4.585	4.020	3.206	2.997	3.072	2.673	3.061	3.323	3.468	3.575
27	4.577	4.633	4.496	4.135	2.990	3.026	3.060	2.650	2.989	3.341	3.462	3.737
28	4.506	4.757	4.516	4.106	2.980	3.148	3.075	2.632	2.983	3.247	3.526	3.904
29	4.499	--	4.562	4.008	3.151	3.380	3.014	2.644	2.597	3.213	3.610	3.901
30	4.441	--	4.639	4.060	3.223	3.486	3.024	2.630	2.349	3.246	3.689	3.775
31	4.412	--	4.689	--	3.225	--	3.006	2.780	--	3.245	--	3.771
月平均	4.011	4.703	4.626	4.321	3.217	2.930	3.242	2.794	2.872	2.892	3.449	3.620
本月最高	4.577	5.035	4.998	4.827	4.137	3.486	3.607	3.226	3.227	3.341	3.689	3.904
本月最低	3.443	4.523	4.357	3.956	2.610	2.630	3.006	2.597	2.349	2.203	3.201	3.281

表 3-89 JS54 中山路二段 121 巷 2 號監測井日均溫(淺部)數值

水溫	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	47.410	48.003	48.507	48.564	48.091	46.664	47.094	46.139	46.021	46.249	46.710	47.244
2	47.452	48.009	48.514	48.572	48.144	46.596	47.044	46.221	46.012	46.268	46.758	47.246
3	47.488	48.041	48.473	48.565	48.183	46.545	46.750	46.212	45.917	46.299	46.749	47.266
4	47.511	48.045	48.502	48.555	48.224	46.496	46.825	46.191	45.871	46.318	46.738	47.290
5	47.492	48.055	48.544	48.600	48.289	46.779	46.953	46.376	45.752	46.382	46.779	47.304
6	47.750	48.225	48.572	48.585	48.240	47.766	46.846	46.192	45.784	46.341	46.788	47.325
7	47.623	48.279	48.613	48.561	48.336	47.727	46.790	46.094	45.923	46.384	46.817	47.328
8	47.694	48.132	48.580	48.511	48.160	47.669	46.676	46.108	45.817	46.341	46.836	47.336
9	47.611	48.142	48.593	48.551	48.233	47.555	46.729	46.362	46.071	46.376	46.840	47.370
10	47.629	48.245	48.586	48.581	48.241	47.445	46.646	46.131	45.906	46.409	46.859	47.377
11	47.639	48.194	48.590	48.474	48.166	47.398	46.650	46.245	45.941	46.385	46.854	47.381
12	47.628	48.210	48.603	48.461	48.189	47.391	46.533	46.053	46.050	46.378	46.905	47.409
13	47.691	48.257	48.604	48.464	48.171	47.265	46.871	46.262	45.986	46.387	46.911	47.414
14	47.681	48.303	48.623	48.476	48.115	47.320	46.860	46.075	46.098	46.410	46.934	47.428
15	47.711	48.303	48.615	48.476	47.941	47.232	46.715	45.999	46.073	46.404	46.953	47.438
16	47.731	48.294	48.616	48.476	47.992	47.373	46.689	46.068	46.096	46.443	46.985	47.441
17	47.762	48.338	48.621	48.418	48.037	47.269	46.653	45.959	46.079	46.438	46.984	47.454
18	47.785	48.400	48.614	48.371	47.882	47.182	46.645	46.082	46.121	46.467	46.993	47.476
19	47.855	48.333	48.608	48.343	47.941	47.108	46.606	46.082	46.136	46.457	47.018	47.499
20	47.853	48.381	48.629	48.380	47.844	46.920	46.691	45.952	46.158	46.495	47.040	47.509
21	47.824	48.439	48.620	48.321	47.858	47.064	46.763	45.870	46.241	46.518	47.074	47.524
22	47.818	48.392	48.614	48.363	47.839	47.106	46.537	45.944	46.355	46.548	47.075	47.525
23	47.889	48.486	48.626	48.310	47.808	47.135	46.673	45.958	46.292	46.550	47.088	47.544
24	47.906	48.458	48.603	48.287	47.778	47.071	46.636	45.945	46.283	46.559	47.114	47.566
25	47.912	48.451	48.605	48.306	47.709	47.099	46.470	45.950	46.318	46.567	47.137	47.586
26	47.871	48.574	48.575	48.307	47.853	46.943	46.470	45.927	46.346	46.596	47.144	47.629
27	47.951	48.510	48.572	48.426	47.682	47.029	46.316	45.844	46.255	46.584	47.174	47.616
28	47.983	48.466	48.598	48.348	47.716	46.923	46.576	45.834	46.274	46.616	47.194	47.626
29	47.934	--	48.596	48.250	47.696	47.152	46.503	45.949	46.262	46.645	47.209	47.640
30	47.962	--	48.563	48.116	47.582	46.912	46.363	45.913	46.252	46.651	47.214	47.636
31	47.965	--	48.571	--	46.809	--	46.221	45.869	--	46.676	--	47.631
月平均	47.742	48.284	48.585	48.434	47.960	47.138	46.671	46.058	46.090	46.456	46.962	47.453
本月最高	47.983	48.574	48.629	48.600	48.336	47.766	47.094	46.376	46.355	46.676	47.214	47.640
本月最低	47.410	48.003	48.473	48.116	46.809	46.496	46.221	45.834	45.752	46.249	46.710	47.244

表 3-90 JS54 中山路二段 121 巷 2 號監測井日均水位數值

水位	2019/1	2019/2	2019/3	2019/4	2019/5	2019/6	2019/7	2019/8	2019/9	2019/10	2019/11	2019/12
1	2.751	2.823	3.055	2.785	2.283	1.850	2.189	2.245	0.648	1.362	1.806	1.291
2	2.451	2.800	3.107	2.765	2.284	1.761	2.142	2.356	0.680	1.434	1.933	0.921
3	2.299	2.751	3.054	2.719	2.220	1.685	2.120	2.406	0.830	1.576	1.803	2.088
4	2.088	2.804	2.959	2.815	2.193	1.688	2.125	2.433	0.808	1.675	1.846	2.369
5	2.070	2.896	2.835	2.978	2.149	1.690	2.191	2.314	0.829	1.660	1.897	2.435
6	2.057	2.926	2.917	2.924	2.132	1.665	2.323	2.238	0.770	1.716	2.013	2.558
7	2.684	2.991	2.884	2.859	2.032	1.812	2.290	2.145	0.712	1.703	1.968	2.809
8	2.069	3.132	2.770	2.649	1.986	1.884	2.257	2.002	0.768	1.715	1.912	2.839
9	2.036	3.102	2.830	2.648	1.937	1.863	2.245	1.842	0.747	1.751	2.069	2.582
10	1.957	2.950	2.661	2.648	1.905	1.822	2.286	1.812	0.860	1.902	2.053	2.389
11	2.104	2.884	2.529	2.701	2.019	1.821	2.304	1.539	1.033	2.006	1.984	2.477
12	2.343	2.855	2.446	2.716	1.955	1.744	2.378	0.801	1.210	1.993	1.778	2.535
13	2.375	2.777	2.444	2.731	1.835	1.727	2.410	1.245	1.182	1.906	1.965	2.522
14	2.286	2.825	2.401	2.753	1.820	1.754	2.437	1.346	1.134	1.837	2.595	2.728
15	2.189	2.790	2.587	2.770	1.739	1.773	2.402	1.520	1.123	1.891	2.717	2.759
16	2.278	2.914	2.677	2.610	1.761	1.758	2.357	1.554	1.165	1.941	2.838	2.517
17	2.369	3.022	2.684	2.527	1.753	1.692	2.354	1.321	1.291	1.953	2.910	2.450
18	2.390	2.878	2.570	2.420	1.769	1.718	2.380	0.964	1.438	1.895	2.820	2.397
19	2.417	2.842	2.572	2.317	1.708	1.733	2.417	0.935	1.616	2.027	2.783	2.542
20	2.506	2.770	2.478	2.324	1.621	1.785	2.484	1.148	1.447	1.847	2.676	2.678
21	2.543	2.766	2.451	2.314	1.623	1.849	2.465	0.947	1.388	1.422	2.490	2.607
22	2.654	2.862	2.631	2.211	1.639	1.967	2.447	1.136	1.497	1.399	2.165	2.559
23	2.578	3.099	2.810	2.192	1.669	2.020	2.456	0.597	1.666	1.220	1.771	2.521
24	2.571	3.142	2.829	2.171	1.674	1.991	2.429	0.962	1.797	0.343	1.649	2.406
25	2.523	2.968	2.694	2.225	1.814	1.995	2.363	1.087	1.850	0.565	1.949	2.453
26	2.757	2.792	2.631	2.244	1.855	1.971	2.282	1.151	1.888	1.249	2.141	2.346
27	2.872	2.793	2.555	2.376	1.777	2.027	2.305	1.086	1.695	1.520	2.174	2.539
28	2.732	2.925	2.554	2.328	1.759	2.043	2.315	0.833	1.514	1.460	2.317	2.643
29	2.733	--	2.624	2.241	1.835	2.167	2.235	1.065	1.449	1.467	2.519	2.634
30	2.685	--	2.707	2.229	1.860	2.193	2.270	0.918	1.307	1.673	2.265	2.523
31	2.680	--	2.785	--	1.867	--	2.211	0.624	--	1.870	--	2.196
月平均	2.421	2.896	2.701	2.540	1.886	1.848	2.318	1.438	1.211	1.612	2.194	2.429
本月最高	2.872	3.142	3.107	2.978	2.284	2.193	2.484	2.433	1.888	2.027	2.910	2.839
本月最低	1.957	2.751	2.401	2.171	1.621	1.665	2.120	0.597	0.648	0.343	1.649	0.921

六、水位與雨量

監測井的水位通常跟雨量有很大的關係，從礁溪溫泉區各監測井(福崇寺除外)之年度水位變化與氣象局礁溪測站雨量的關係可以看出(圖 3-56)，2 至 4 月雨量較少時，地下水缺乏補注，各監測井呈現一低水位期，5、6 月底梅雨季節，雨量增多，水位普遍可以升 2-3 公尺左右，7 月雨量減少，水位也回降一些，9 月 27-29 日的降雨，各監測井水位大都在 10/2 達到最高點，水位上升約 1-3 公尺，其中以五峰路監測井於 10/1 中午就上升約 6 公尺最明顯，其次是大忠路(上升約 3 公尺)和德陽路(上升約 2.5 公尺)，這些井都靠近南側得子口溪，推測得子口溪是礁溪溫泉重要的地下水補助溪流。

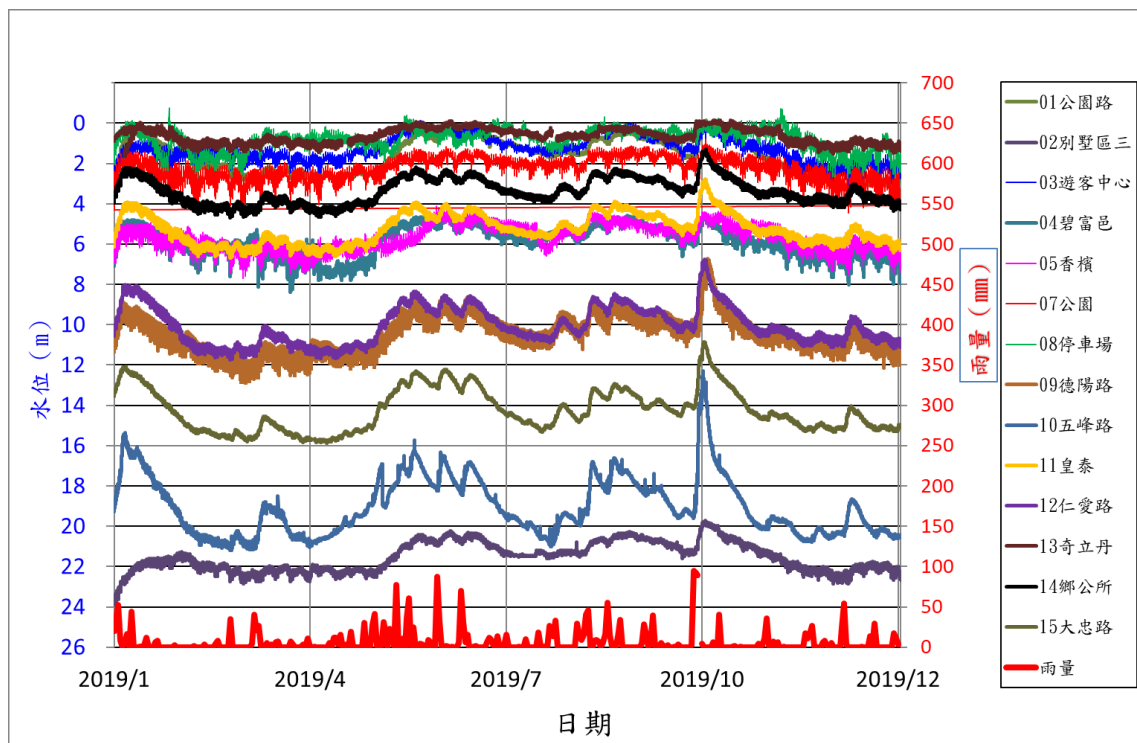


圖 3-56 礁溪溫泉各監測井之水位與氣象局宜蘭測站之雨量

蘇澳冷泉的水位與礁溪溫泉的水位變化趨勢相似(圖 3-57)，2 月以後雨量減少就進入枯水期。4 月 27 日的 531 mm 強降雨，各監測井都在當日下午 6-9 點達到水位最高點，之後到 9 月中，與顯著降雨，各監測井水位逐漸下降約 0.6-1.0 公尺。但溝邊監測井於 6-7 月間持續上升約 0.6 公尺，之後快速下降約 1.1 公尺，可能是當地停車場公司施工造成地下水水位短暫的變化。瓏山林監測井也是在 5 月初突然下降 0.8 公尺的現象，之後一個月內的水位跟降雨的關係不大，很可能也是受該工地施工影響。

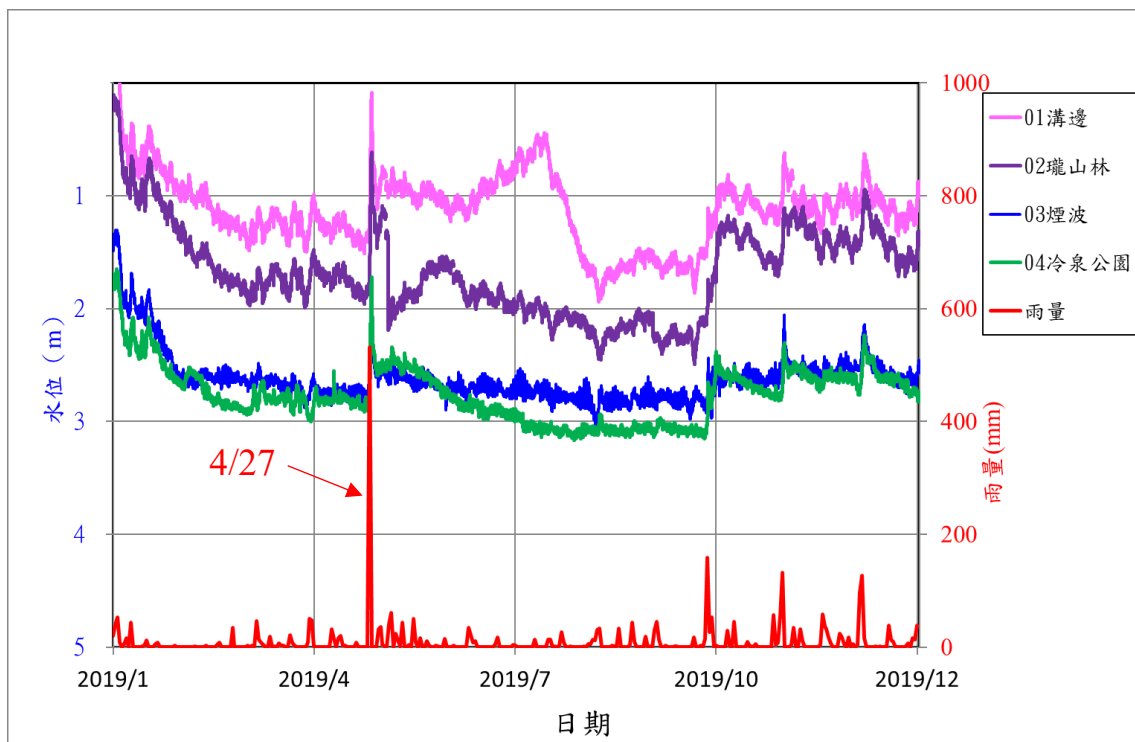


圖 3-57 蘇澳溫泉各監測井之水位與氣象局蘇澳測站之雨量

肆、結論

本次監測期間為 108 年 1 月至 12 月，監測結果如下。

(一)礁溪溫泉(監測井含水利署 9 口和民宅 4 口共 28 口)

1. 淺部水溫最高為湯圍淺監測井，日均溫為 54.470°C (10 月 5 日)，深部水溫最高為德陽路監測井，日均溫為 58.430°C(5 月 6 日至 6 月 2 日)。
2. 水位的高低受雨量影響很大，強降雨時，水位很快上升，過去礁溪溫泉公園路、奇立丹、停車場和遊客中心監測井都曾自湧，水位呈負值(高於地表)，本年度公園路、停車場和奇立丹都有自湧現象。
3. 福崇寺監測井為受壓含水層，水位長年呈現負值，水位最高，日平均約-4.200 公尺(10 月 24 日)。水位最低為別墅區三監測井，日平均 23.602 公尺(1 月 1 日)。

4. 垂向溫度

- (1) 各監測井深度約 30-50 公尺可以看到一個舌狀的高溫區，因受使用溫泉抽水影響，各監測井普遍於 10-30 公尺都呈現明顯的月溫度變化。
- (2) 大部分監測井 50 公尺以下的溫度變化就明顯變小，但公園路、碧富邑、香檳、公園、礁溪鄉公所和大忠路等監測井甚至到深度 60-80 公尺仍有變化。
- (3) 井下溫度超過 50°C 計有別墅區三、香檳、公園、停車場、德陽路、皇泰、仁愛路、奇立丹、礁溪鄉公所等 9 口井，這些井的分布略呈西北-東南向分布，與地下溫泉的流動走向一致。
- (4) 碧富邑、香檳、德陽路、奇立丹、礁溪鄉公所等監測井淺部垂向溫度呈微笑曲線，是因淺部抽取溫泉導致較冷的地下水補充所致。
- (5) 越靠近溫泉核心區一帶的溫度越高，最高可到 55°C(香檳、德陽路、皇泰、仁愛路)，越遠的溫度越低(大忠路、遊客中心)，溫度不到 40°C。

(二)蘇澳冷泉 (監測井共 4 口)

1. 蘇澳冷泉淺部水溫最高為冷泉公園監測井，日均溫為 23.864°C (11 月 6 日)。深部水溫最高亦為冷泉公園監測井，日均溫為 33.061°C (11 月 27

日)。

2. 強降雨時，水位明顯上升，當日可達最高點，水位最高為溝邊監測井，日平均-0.137 公尺(1 月 2 日)。水位最低為冷泉公園監測井，日平均 3.126 公尺(7 月 28 日)。

3. 垂向溫度

- (1) 淺部溫度受地表氣溫影響大，4 口監測井垂向溫度曲線都呈現明顯的花狀構造，氣溫的影響訊號可達深度 15 公尺。
- (2) 大部分 50 公尺內的溫度都接近年均溫，20-50 公尺溫度梯度小於 $0.5^{\circ}\text{C}/100\text{ m}$ ，瓏山林監測井甚至負值，顯示 50 公尺以內的水體受對流作用的影響。
- (3) 冷泉公園監測井 125-185 公尺溫度梯度非常小，該區段地層可能較破碎，地下水對流作用強烈，185 公尺以下溫度梯度變大，地層可能較為緻密。

(三) 導電度和酸鹼值

1. 導電度

- (1) 礁溪溫泉：香檳監測井因位在溫泉核心區，導電度最高，約 $931\ \mu\text{S}$ (3 月)，五峰路監測井受得子口溪補注影響，導電度最低，約 $90\ \mu\text{S}$ (6 月)。
- (2) 蘇澳冷泉：冷泉公園監測井因為深度深，地下水中可能含有海水成分，導電度最高，約 $8458\ \mu\text{S}$ (8 月)。溝邊可能受降雨補注影響，導電度最低，約 $102\ \mu\text{S}$ (7 月)。

2. 酸鹼值

- (1) 礁溪溫泉：除了礁溪鄉公所監測井經常略小於 7 以外，其餘都大都約 7~8，呈現弱鹼，其中以遊客中心監測井 8.42 (3 月)最高、礁溪鄉公所監測井 6.72 (4 月)最低(大忠路 10 月也出現 6.72)。
- (2) 蘇澳冷泉：除瓏山林監測井偶而會大於 7 以外，其餘都介於 6~7 之間，推測是水中含二氧化碳，形成碳酸氫根造成水質呈弱酸性，其中以瓏山林監測井 7.21 (6 月)最高，溝邊監測井 5.23 (10 月)最低。

3. 人工量測水位

- (1) 礁溪溫泉：別墅區三監測井水位高程最高，約 20.22 公尺(10 月)，奇立丹監測井最低，約 4.38 公尺(12 月)。
- (2) 蘇澳冷泉：瓏山林監測井水位最高，約 3.92 公尺(1 月)，煙波監測井最低，約 1.04 公尺(8 月)。

(四)礁溪溫泉民間使用井(共 4 口)

1. 民家使用井因日常抽取溫泉，水位的日變化大。
2. 水溫最高為 JS51 湯圍街 52 號井，日均溫為 51.040°C (12 月 30 日)，最低為 JS52 德陽街 17 號井，日均溫為 38.990°C (1 月 2 日)。
3. 水位最高為 JS52 德陽街 17 號井，日均水位為 0.005 公尺 (10 月 2 日)，最低為 JS53 中山路二段 101 號井，日均水位為 5.035 公尺(2 月 24 日)。
4. 民家監測的主要目的為了解 2014/1/1 鄰近麒麟飯店點井後，水溫的回升情形，目前各監測井的溫度除了 JS52 監測井以外，都已回升至 40°C 以上。

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