

โปรแกรม (Source Code)

โครงการระบบเครือข่ายเพื่อการจัดการทรัพยากรน้ำ
แห่งประเทศไทย

โดย

ศูนย์เทคโนโลยีอิเล็กทรอนิกส์และคอมพิวเตอร์แห่งชาติ

สำนักงานพัฒนาวิทยาศาสตร์และเทคโนโลยีแห่งชาติ

กระทรวงวิทยาศาสตร์และเทคโนโลยีและสิ่งแวดล้อม

พฤษภาคม 2545

สารบัญ

GetLing	1
GetTmd	2
GetCMPradar.pl	3
GetGMS.pl	7
GetHHNradar.pl	8
GetHuahinradar.pl	10
Getnrl.pl	11
Getomkoiradar.pl	13
Getpasak.pl	14
Getpimairadar.pl	16
Gettmdradar.pl	18
Egat_dam.php	20
Nwrc_all.php	25
Nwrc_climate.php	72
Nwrc_dwell.php	78
Nwrc_dwgate.php	85
Nwrc_flood.php	91
Nwrc_gstatus.php	97
Nwrc_main.php	104
Nwrc_pond.php	107
Nwrc_pump.php	113
Nwrc_rivcnl.php	119
Nwrc_rwsp.php	125
Nwrc_storage.php	131
Nwrc_swamp.php	137
Nwrc_swell.php	143
Nwrc_wdevprj.php	149
Nwrc_weir.php	155
Nwrc_wshtage.php	162
Gen_ani_CMP.php	169

Gen_ani_DMG120.php	171
Gen_ani_DNG300.php	173
Gen_ani_HHN.php	175
Gen_ani_HHN1.php	177
Gen_ani_KPT.php	179
Gen_ani_oki.php	181
Gen_ani_pmi.php	183
Gen_ani_ska.php	185
Gen_ani_kpt.php	187
show_CMPradar.php	189
show_dmg120radar.php	193
show_dmg300radar.php	198
show_hnn1radar.php	202
show_hhnradar.php	206
show_krtradar.php	210
show_lradar.php	214
show_okiradar.php	215
show_pmiradar.php	219
show_skaradar.php	223
rid_bigcm.php	227
rid_ch.php	231
rid_lgraph.php	245
rid_pch.php	249
rid_pk.php	259
rid_pk_graph.php	268
rid_pk_mgraph.php	279
rid_pk_sta.php	282
find.php	284
set_day.php	286
weather.php	297

```

ชื่อโปรแกรม : getLing
คำอธิบาย : โปรแกรมget ภาพแผนที่วิเคราะห์ความแรงและเส้นทางของพายุ โดยใช้โปรแกรม wget ดึงภาพทุกๆ ชั่วโมง
*****
wget -P /home/www/TIWRM/Tracking/Now -A gif --cut-dirs=2 --no-parent -r -nH
'http://www.solar.ifa.hawaii.edu/Tropical/Gif/nwp.latest.gif'

#wget -P /home/www/TIWRM/Tracking/Now -A gif --cut-dirs=2 --no-parent -r -nH
'http://biolante.nmm.nrlmry.navy.mil/atcfwb/images/wp302001.gif'

#wget -P /home/www/TIWRM/Tracking/Now -A gif --cut-dirs=2 --no-parent -r -nH
'http://www.weather.gov.hk/wxinfo/currwx/tc_pos_36.gif'

wget -P /home/www/TIWRM/Tracking/Now -A jpg --cut-dirs=2 --no-parent -r -nH
'http://tiwrm.hpcc.nectec.or.th/~gms/latest.jpg'

cp /home/www/TIWRM/TyphoonTracking/wxImages/latestest_wc.gif
/home/www/TIWRM/Tracking/Now/latestest_tmd.gif

#cp /home/www/TIWRM/Tracking/Now/status.org
/home/www/TIWRM/Tracking/Now/status.gif

/home/www/TIWRM/Tracking/Now/Xthumbnail

*****

```

```

ชื่อโปรแกรม : getTMD
คำอธิบาย : โปรแกรม get ภาพแผนที่อากาศ โดยใช้ โปรแกรม wget ดึงภาพเวลา 13.50 ของทุกวัน
*****
wget -P /home/www/TIWRM/TyphoonTracking/wxImages -A gif,xls --cut-dirs=2 --
no-parent -r -q -nH 'http://www.tmd.go.th/~forecast/wxImages/lastest_wc.gif'

wget -P /home/www/TIWRM/TyphoonTracking/wxImages -A gif,xls --cut-dirs=2 --
no-parent -r -q -nH
'http://www.tmd.go.th/~forecast/wxImages/lastest_w5000.gif'

wget -P /home/www/TIWRM/TyphoonTracking/wxImages -A gif,xls --cut-dirs=2 --
no-parent -r -q -nH
'http://www.tmd.go.th/~forecast/wxImages/lastest_w600.gif'

wget -P /home/www/TIWRM/TyphoonTracking/wxImages -A htm --cut-dirs=2 --no-
parent -r -q -nH 'http://www.tmd.go.th/~forecast/wxImages/lastest_obs.htm'

rm -f /home/www/TIWRM/TyphoonTracking/index.html

./getTMD_All.pl
./getTMD_conv_TXT.pl
*****

```

```

ชื่อโปรแกรม : getCMPradar.pl
คำอธิบาย : โปรแกรมคัดลอกและประมวลผลภาพเรดาร์จุมพร โดยทำงานนาฬิกาที่ 38 ของทุกชั่วโมง
*****
#!/usr/bin/perl

$dd = `date -u "+%d"`;
$mm = `date -u "+%m"`;
$yyy = `date -u "+%Y"`;
$hh = `date -u "+%H"`;
$MM = `date -u "+%M"`;
chop($dd);
chop($mm);
chop($yyy);
chop($hh);
chop($MM);
$yy = substr($yyy,2,2);

#$dd = '04';
#$hh = '23';
#$MM = '38';

system("ls -s --block-size=1
/ARCHIVE/DATA/PASAK/home/tong/CMP/$yy$mm$dd$hh*.dsp > /tmp/cmp");

$path = '/home/www/TIWRM/TyphoonTracking/radarImages/';
$w = $yyy.$mm.$dd.$hh.$MM;
$wc = $w.'.gif';
$CMP = 'CMP_'. $wc;
$CMP_html = 'CMP_'. $w.'.html';
$CMP_info = 'CMP_'. $w.'.nfo';
#print "$CMP\n";

$ch = 1;
$oldname = "/tmp/cmp.tmp";
open (EP,$oldname);
while ($in = <EP>) {
    chop($in);
    $in =~ s/^\s+//;
    ($oldsize[$ch],$oldfile[$ch]) = split(/ /,$in);
    $ch++;
}
close(EP);

$ch = 1;
$filename = "/tmp/cmp";
open (EP,$filename);
while ($in = <EP>) {
    chop($in);
    $in =~ s/^\s+//;
    ($insize[$ch],$infile[$ch]) = split(/ /,$in);
    $ch++;
}
close(EP);

$ct = 1;
if (($oldfile[$ct] ne $infile[$ct]) and ($insize[$ct] ne '0') and
($insize[$ct] ne '')) {
for $ch (1..2) {print "old[$ch] = $oldfile[$ch] \n in[$ch] = $infile[$ch]
\n\n";}

system("cp $infile[$ct]
/home/www/TIWRM/TyphoonTracking/radarImages/CMP_lastest.gif");
system("cp /home/www/TIWRM/TyphoonTracking/radarImages/CMP_lastest.gif
/home/www/TIWRM/TyphoonTracking/radarImages/$CMP");

system("giftopnm /home/www/TIWRM/TyphoonTracking/radarImages/CMP_lastest.gif
| pnmscale -xscale 1.5 -yscale 1.5 | cjpeg >
/home/www/TIWRM/TyphoonTracking/radarImages/CMP_lastest.jpg ");

```

```

system("giftopnm /home/www/TIWRM/TyphoonTracking/radarImages/CMP_lastest.gif
| pnmscale -xscale 0.2 -yscale 0.2 | cjpeg >
/home/www/TIWRM/TyphoonTracking/radarImages/CMP_lastest_small.jpg ");

open(LOGFILE,">/tmp/cmp.tmp") || die "cannot create file $!";
for $ch (1..4) {print LOGFILE "$insize[$ch] $infile[$ch]\n";}
close(LOGFILE) || die "cannot close file $outfile: $!";

($filename,$temp,$temp1) = split(/\./,$infile[$ct]);
$filename = $filename.'.'.$temp;

open (EP,$filename);
for $ch (0..6) {
    $in[$ch] = <EP>;
    chop($in[$ch]);
    $in[$ch] =~ s/^\s+//;
    # print "$ch : $in[$ch]\n";
}
close(EP);

($temp,$temp1,$tmin,$ts) = split(/:/$,$in[4]);;
$temp1 =~ tr/ / /d;
($temp2,$tday,$tmonth,$temp,$tdate,$thour) = split(/ /,$temp1);
if ($temp eq '') {($temp2,$tday,$tmonth,$temp,$tdate,$thour) = split(/
/,$temp1); }
else {($temp2,$tday,$tmonth,$tdate,$thour) = split(/ /,$temp1); }

($tsec,$tyear) = split(/ /,$ts);
#print "$tdate $tmonth $tyear $thour $tmin\n";

($temp,$temp1,$temp2,$temp3,$tsmth) = split(/:/$,$in[6]);;
($temp,$ttype,$temp) = split(/ /,$temp1);
($temp,$temp,$temp,$tel,$temp) = split(/ /,$temp2);
($temp,$strange,$temp) = split(/ /,$temp3);
#print "$ttype / $tel / $strange / $temp3\n";

open(INFOFILE,">/home/www/TIWRM/TyphoonTracking/radarImages/$CMP_info") ||
die "cannot create file $!";
print INFOFILE "PICTURE File: $path$CMP\n";
print INFOFILE "HTML File : $path$CMP_html\n";
for $ch (4..6) {print INFOFILE "$in[$ch]\n";}
close (INFOFILE);

open(HTMLFILE,">/home/www/TIWRM/TyphoonTracking/radarImages/CMP_lastest.html
") || die "cannot create file $!";

print HTMLFILE "
<HTML>
<head>
<meta http-equiv='Content-Type' content='text/html; charset=iso-8859-1'>
<meta http-equiv='Pragma' content='no-cache'>
<meta http-equiv='refresh' content='60'>
<title>ChumPhon Radar Image from TMD</title>
<style type='text/css'>
<!--
td { font-family: Courier New, Helvetica, sans-serif; font-size: 12pt;}
-->
</style>
</head>
<table border=1 bordercolor=black cellpadding=0>
<tr><td><IMG SRC='CMP_lastest.jpg'>
<td><center><b><h2>$tdate $tmonth $tyear<br>$thour:$tmin
GMT</h2><br><br><h3>C. Intensity<br>dBz</h3></center>
<IMG SRC='right.gif'>
<tr><td colspan=2><h3>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&Product Type: $ttype Corrected
Intensity&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&Tilt:1&nbsp;&nbsp;&nbsp;&nbsp;&Elevation: $tel
Degr<br></h3>

```

```
<table border=0 width=90%>
<tr><td width=3%>&nbsp;<td align=right><b><font color=blue>PRF:
</font><td><b>250Hz<td align=right><b><font color=blue>Max Range:
</font><td><b>$strange km<td align=right><b><font color=blue>Gates:
</font><td><b>240
<tr><td width=3%>&nbsp;<td align=right><b><font color=blue>Gatewidth:
</font><td><b>1000 m<td align=right><b><font color=blue>Samples:
</font><td><b>32<td align=right><b><font color=blue>Unfolding:
</font><td><b>Off
<tr><td width=3%>&nbsp;<td align=right><b><font color=blue>Pulse Width:
</font><td><b>2.0 us<td align=right><b><font color=blue>Clutter Filter:
</font><td><b>2<td align=right><b><font color=blue>Range Normalization:
</font><td><b>On
<tr><td width=3%>&nbsp;<td align=right><b><font color=blue>Site Name:
</font><td><b>Chumphon
<td align=right><b><font color=blue>Radar Type: </font><td><b>DWSR-81C<td
align=right><b><font color=blue>Antenna Height ASL: </font><td><b>28 m
</table>
</table>
</HTML>
";

close(HTMLFILE) || die "cannot close file $outfile: $!";

open(HTMLFILE,">/home/www/TIWRM/TyphoonTracking/radarImages/$CMP_html") ||
die "cannot create file $!";

print HTMLFILE "
<HTML>
<head>
<meta http-equiv='Content-Type' content='text/html; charset=iso-8859-1'>
<meta http-equiv='Pragma' content='no-cache'>
<meta http-equiv='refresh' content='60'>
<title>ChumPhon Radar Image from TMD</title>
<style type='text/css'>
<!--
td { font-family: Courier New, Helvetica, sans-serif; font-size: 12pt;}
-->
</style>
</head>
<table border=1 bordercolor=black cellpadding=0>
<tr><td><IMG SRC='CMP_$$$$$mm$dd$h$MM.gif' width=768 height=768>
<td ><center><b><h2>$tdate $tmonth $year<br>$thour:$tmin
GMT</h2><br><br><h3>C. Intensi
ty<br>dBz</h3></center>
<IMG SRC='right.gif'>
<tr><td colspan=2><h3>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&Product Type: $ttype Corrected
Intensity&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&Tilt:1&nbsp;&nbsp;&nbsp;&nbsp;&Elevation: $stel
Degs<br></h3>
<table border=0 width=90%>
<tr><td width=3%>&nbsp;<td align=right><b><font color=blue>PRF:
</font><td><b>250Hz<td align=right><b><font color=blue>Max Range:
</font><td><b>$strange km<td align=right><b><font color=blue>Gates:
</font><td><b>240
<tr><td width=3%>&nbsp;<td align=right><b><font color=blue>Gatewidth:
</font><td><b>1000 m<td align=right><b><font color=blue>Samples:
</font><td><b>32<td align=right><b><font color=blue>Unfolding:
</font><td><b>Off
<tr><td width=3%>&nbsp;<td align=right><b><font color=blue>Pulse Width:
</font><td><b>2.0 us<td align=right><b><font color=blue>Clutter Filter:
</font><td><b>2<td align=right><b><font color=blue>Range Normalization:
</font><td><b>On
<tr><td width=3%>&nbsp;<td align=right><b><font color=blue>Site Name:
</font><td><b>Chumphon<td align=right><b><font color=blue>Radar Type:
</font><td><b>DWSR-81C<td align=right><b><font color=blue>Antenna Height
ASL: </font><td><b>28 m
</table>
</table>
```

```

</HTML>
";

close(HTMLFILE) || die "cannot close file $outfile: $!";

#system("cp /home/www/TIWRM/TyphoonTracking/radarImages/CMP_lastest.html
/home/www/TIWRM/TyphoonTracking/radarImages/$CMP_html");

system("text2gif -t '$dd/$mm/$yy $hh:$MM' >
/home/www/TIWRM/TyphoonTracking/radarImages/CMP_lastest_status.jpg ");
}
system("rm -f /tmp/cmp");

exit 0;
*****

```

```

ชื่อโปรแกรม : getGMS.pl
คำอธิบาย : โปรแกรม get ภาพถ่ายดาวเทียม GMS5 โดยใช้โปรแกรม wget ทำงานทุกชั่วโมง
*****
#!/usr/bin/perl

%chno2month_chr = qw(
01 Jan
02 Feb
03 Mar
04 Apr
05 May
06 Jun
07 Jul
08 Aug
09 Sep
10 Oct
11 Nov
12 Dec
);

$dd = `date -u "+%d"`;
$mm = `date -u "+%m"`;
$yyyy = `date -u "+%Y"`;
$hh = `date -u "+%H"`;
$MM = `date -u "+%M"`;
chop($dd);
chop($mm);
chop($yyyy);
chop($hh);
chop($MM);
$yy = substr($yyyy,2,2);

$m = substr($dd,0,1);
$dir = 'http://www.tkl.iis.u-
tokyo.ac.jp/SatIAN/Images/GMS_Quick_Look_Images/' . $yyyy . '/' . $chno2month_chr{
$mm} . '/' . $m . '/';
$gms = 'GMS5' . $yy . $mm . $dd . $hh . '.gif';

system("wget -P /home/www/TIWRM/TyphoonTracking/GMS5 -A gif,xls --cut-dirs=5
--no-parent -r -q -nH '$dir$gms'");
system("cp /home/www/TIWRM/TyphoonTracking/GMS5/$gms
/home/www/TIWRM/TyphoonTracking/GMS5/lastest_gms5.gif");

#print "$gms\n";

exit 0;
*****

```

```

ชื่อโปรแกรม : getHHNradar.pl
คำอธิบาย : โปรแกรมคัดลอกและประมวลผลภาพเรดาร์หัวหิน โดยทำงานทันทีที่ 22 ของทุกชั่วโมง
*****
#!/usr/bin/perl

$dd = `date -u "+%d"`;
$mm = `date -u "+%m"`;
$yyy = `date -u "+%Y"`;
$hh = `date -u "+%H"`;
$MM = `date -u "+%M"`;
chop($dd);
chop($mm);
chop($yyy);
chop($hh);
chop($MM);
$yy = substr($yyy,2,2);

system("ls -s --block-size=1 /ARCHIVE/DATA/PASAK/home/tong/$yy$mm$dd*.gif >
/tmp/huahin");

$w = $yyy.$mm.$dd.$hh.$MM;
$wc = $w.'.gif';
$HHN = 'HHN_'. $wc;
$aHHN = 'a_ HHN_'. $wc;

$oldname = "/tmp/huahin.tmp";
open (EP,$oldname);
while ($in = <EP>) {
    chop($in);
    $in =~ s/^\s+//;
    ($oldsize,$oldfile) = split(/ /,$in);
}

$filename = "/tmp/huahin";
open (EP,$filename);
while ($in = <EP>) {
    chop($in);
    $in =~ s/^\s+//;
    ($insize,$infile) = split(/ /,$in);
}

if (($oldfile ne $infile) and ($insize ne '0')) {
    #print "$infile \n $prefile \n : $HHN \n";
    system("cp $infile
/home/www/TIWRM/TyphoonTracking/radarImages/HHN_lastest.gif");
    system("cp /home/www/TIWRM/TyphoonTracking/radarImages/HHN_lastest.gif
/home/www/TIWRM/TyphoonTracking/radarImages/$HHN");

    system("giftopnm /home/www/TIWRM/TyphoonTracking/radarImages/HHN_lastest.gif
| pnmscale -xscale 1.5 -yscale 1.5 | cjpeg >
/home/www/TIWRM/TyphoonTracking/radarImages/HHN_lastest.jpg ");

    system("giftopnm /home/www/TIWRM/TyphoonTracking/radarImages/HHN_lastest.gif
| pnmcut -left 0 -top 0 -width 514 -height 514 | pnmscale -xscale 0.2 -
yscale 0.2 | cjpeg >
/home/www/TIWRM/TyphoonTracking/radarImages/HHN_lastest_small.jpg ");
    system("giftopnm /home/www/TIWRM/TyphoonTracking/radarImages/HHN_lastest.gif
| pnmcut -left 514 -top 5 -width 127 -height 56 | pnmscale -xscale 0.4 -
yscale 0.4 | cjpeg >
/home/www/TIWRM/TyphoonTracking/radarImages/HHN_lastest_status.jpg ");

    #system("giftopnm
/home/www/TIWRM/TyphoonTracking/radarImages/HHN_lastest.gif | pnmcut -left 0
-top 0 -width 510 -height 513 | cjpeg >
/home/www/TIWRM/TyphoonTracking/radarImages/$aHHN");
    system("rm -f /tmp/huahin");
    system("echo $insize $infile > /tmp/huahin.tmp");
}

```

```
exit 0;  
*****
```

```

ชื่อโปรแกรม : getHuahinradar.pl
คำอธิบาย : โปรแกรมคัดลอกและประมวลผลภาพเรดาร์หัวหินจากสำนักงานฝนหลวง โดยทำงานที่ทิ้งท้ายด้วย 3 ของทุกชั่วโมง
*****
#!/usr/bin/perl
$dd = `date "+%d"`;
$mm = `date "+%m"`;
$yyyy = `date "+%Y"`;
chop($dd);
chop($mm);
chop($yyyy);
$yy = substr($yyyy,2,2);

system("ls -s --block-size=1 /ARCHIVE/DATA/PASAK/home/tong/radarmix/huahin"
. "$yy$mm$dd*.GIF > /tmp/huahin1");

$oldname = "/tmp/huahin1.tmp";
open (EP,$oldname);
while ($in = <EP>) {
    chop($in);
    $in =~ s/^\s+//;
    ($oldsize,$oldfile) = split(/ /,$in);
}

$filename = "/tmp/huahin1";
open (EP,$filename);
while ($in = <EP>) {
    chop($in);
    $in =~ s/^\s+//;
    ($insize,$infile) = split(/ /,$in);
}

($temp1,$temp2) = split(/\./,$infile);
$temp3 = substr($temp1,45,10);
$temp3 = '20'.$temp3;
$HHN1 = 'HHN1_'. $temp3. '.GIF';

if (($oldfile ne $infile) and ($insize ne '0')) {
system("cp $infile
/home/www/TIWRM/TyphoonTracking/radarImages/HHN1_lastest.gif");
system("cp /home/www/TIWRM/TyphoonTracking/radarImages/HHN1_lastest.gif
/home/www/TIWRM/TyphoonTracking/radarImages/$HHN1");

system("giftopnm
/home/www/TIWRM/TyphoonTracking/radarImages/HHN1_lastest.gif | pnmscale -
xscale 1.5 -yscale 1.5 | cjpeg >
/home/www/TIWRM/TyphoonTracking/radarImages/HHN1_lastest.jpg ");

system("giftopnm
/home/www/TIWRM/TyphoonTracking/radarImages/HHN1_lastest.gif | pnmcut -left
0 -top 0 -width 514 -height 514 | pnmscale -xscale 0.2 -yscale 0.2 | cjpeg >
/home/www/TIWRM/TyphoonTracking/radarImages/HHN1_lastest_small.jpg ");
system("giftopnm
/home/www/TIWRM/TyphoonTracking/radarImages/HHN1_lastest.gif | pnmcut -left
512 -top 3 -width 128 -height 60 | pnmscale -xscale 0.4 -yscale 0.4 | cjpeg
> /home/www/TIWRM/TyphoonTracking/radarImages/HHN1_lastest_status.jpg ");

system("rm -f /tmp/huahin1");
system("echo $insize $infile > /tmp/huahin1.tmp");
}

exit 0;
*****

```

```

ชื่อโปรแกรม : getnrl.pl
คำอธิบาย : โปรแกรม get ภาพฝนสะสมรายวันโดยใช้โปรแกรม wget ทำงานเวลา 9.00 น. ของทุกวัน
*****
#!/usr/bin/perl
use Pg;

$dd = `date -u "+%d"`;
$mm = `date -u "+%m"`;
$yyyy = `date -u "+%Y"`;
$hh = `date -u "+%H"`;
$MM = `date -u "+%M"`;
chop($dd);
chop($mm);
chop($yyyy);
chop($hh);
chop($MM);
$w = $yyyy.$mm.$dd;
$wc = $w.'.jpg';
$ACC = 'ACCU_'. $wc;
$STA = 'SSTR_'. $wc;
$TMA = 'TRMM_'. $wc;
$SSA = 'SSMI_'. $wc;

system("wget -P /home/www/TIWRM/TyphoonTracking/trmmImages -A jpg --cut-
dirs=4 --no-parent -r -q -nH
'http://www.nrlmry.navy.mil/archdat/pacific/western/tropics/accumulations/daily/LATEST.jpg'");
system("cp
/home/www/TIWRM/TyphoonTracking/trmmImages/accumulations/daily/LATEST.jpg
/home/www/TIWRM/TyphoonTracking/trmmImages/accumulations/$ACC");
system("cp
/home/www/TIWRM/TyphoonTracking/trmmImages/accumulations/daily/LATEST.jpg
/home/www/TIWRM/TyphoonTracking/trmmImages/accumulations/LATEST.jpg");
system("djpeg
/home/www/TIWRM/TyphoonTracking/trmmImages/accumulations/LATEST.jpg | pnmcut
-left 182 -top 185 -width 285 -height 285 | pnmscale -xscale 0.34 -yscale
0.34 | cjpeg >
/home/www/TIWRM/TyphoonTracking/trmmImages/accumulations/LATEST_small.jpg");

system("wget -P /home/www/TIWRM/TyphoonTracking/trmmImages -A jpg --cut-
dirs=4 --no-parent -r -q -nH
'http://www.nrlmry.navy.mil/archdat/pacific/western/tropics/ssmi_trmm_accumu
lations/daily/LATEST.jpg'");
system("cp
/home/www/TIWRM/TyphoonTracking/trmmImages/ssmi_trmm_accumulations/daily/LAT
EST.jpg
/home/www/TIWRM/TyphoonTracking/trmmImages/ssmi_trmm_accumulations/$STA");
system("cp
/home/www/TIWRM/TyphoonTracking/trmmImages/ssmi_trmm_accumulations/daily/LAT
EST.jpg
/home/www/TIWRM/TyphoonTracking/trmmImages/ssmi_trmm_accumulations/LATEST.jp
g");
system("djpeg
/home/www/TIWRM/TyphoonTracking/trmmImages/ssmi_trmm_accumulations/LATEST.jp
g | pnmcut -left 182 -top 185 -width 285 -height 285 | pnmscale -xscale 0.34
-yscale 0.34 | cjpeg >
/home/www/TIWRM/TyphoonTracking/trmmImages/ssmi_trmm_accumulations/LATEST_sm
all.jpg");

system("wget -P /home/www/TIWRM/TyphoonTracking/trmmImages -A jpg --cut-
dirs=4 --no-parent -r -q -nH
'http://www.nrlmry.navy.mil/archdat/pacific/western/tropics/trmm_accumulatio
ns/daily/LATEST.jpg'");
system("cp
/home/www/TIWRM/TyphoonTracking/trmmImages/trmm_accumulations/daily/LATEST.j
pg /home/www/TIWRM/TyphoonTracking/trmmImages/trmm_accumulations/$TMA");

```

```

system("cp
/home/www/TIWRM/TyphoonTracking/trmmImages/trmm_accumulations/daily/LATEST.j
pg
/home/www/TIWRM/TyphoonTracking/trmmImages/trmm_accumulations/LATEST.jpg");
system("djpeg
/home/www/TIWRM/TyphoonTracking/trmmImages/trmm_accumulations/LATEST.jpg |
pnmcut -left 182 -top 185 -width 285 -height 285 | pnmscale -xscale 0.34 -
yscale 0.34 | cjpeg >
/home/www/TIWRM/TyphoonTracking/trmmImages/trmm_accumulations/LATEST_small.j
pg");

system("wget -P /home/www/TIWRM/TyphoonTracking/trmmImages -A jpg --cut-
dirs=4 --no-parent -r -q -nH
'http://www.nrlmry.navy.mil/archdat/pacific/western/tropics/ssmi_accumulatio
ns/daily/LATEST.jpg'");
system("cp
/home/www/TIWRM/TyphoonTracking/trmmImages/ssmi_accumulations/daily/LATEST.j
pg /home/www/TIWRM/TyphoonTracking/trmmImages/ssmi_accumulations/$SSA");
system("cp
/home/www/TIWRM/TyphoonTracking/trmmImages/ssmi_accumulations/daily/LATEST.j
pg
/home/www/TIWRM/TyphoonTracking/trmmImages/ssmi_accumulations/LATEST.jpg");
system("djpeg
/home/www/TIWRM/TyphoonTracking/trmmImages/ssmi_accumulations/LATEST.jpg |
pnmcut -left 182 -top 185 -width 285 -height 285 | pnmscale -xscale 0.34 -
yscale 0.34 | cjpeg >
/home/www/TIWRM/TyphoonTracking/trmmImages/ssmi_accumulations/LATEST_small.j
pg");

exit 0;
*****

```

```

ชื่อโปรแกรม : getOmkoiradar.pl
คำอธิบาย : โปรแกรมคัดลอกและประมวลผลภาพเรดาร์พร้อมก๊อปปี้จากสำนักฝนหลวง โดยทำงานที่ทิ้งท้ายด้วย 7 ของทุกชั่วโมง
*****
#!/usr/bin/perl
$dd = `date "+%d"`;
$mm = `date "+%m"`;
$yyyy = `date "+%Y"`;
chop($dd);
chop($mm);
chop($yyyy);
$yy = substr($yyyy,2,2);

system("ls -s --block-size=1 /ARCHIVE/DATA/PASAK/home/tong/radarmix/omkoi" .
"$yy$mm$dd*.GIF > /tmp/omkoil");

$oldname = "/tmp/omkoil.tmp";
open (EP,$oldname);
while ($in = <EP>) {
    chop($in);
    $in =~ s/^\s+//;
    ($oldsize,$oldfile) = split(/ /,$in);
}

$filename = "/tmp/omkoil";
open (EP,$filename);
while ($in = <EP>) {
    chop($in);
    $in =~ s/^\s+//;
    ($insize,$infile) = split(/ /,$in);
}

($temp1,$temp2) = split(/\./,$infile);
$temp3 = substr($temp1,44,10);
$temp3 = '20'.$temp3;
$OKI1 = 'OKI1_'. $temp3. '.GIF';

#if (($oldfile ne $infile) and ($insize <= ($oldsize * 0.8))) {
if (($oldfile ne $infile) and ($insize ne '0')) {
system("cp $infile
/home/www/TIWRM/TyphoonTracking/radarImages/OKI1_lastest.gif");
system("cp /home/www/TIWRM/TyphoonTracking/radarImages/OKI1_lastest.gif
/home/www/TIWRM/TyphoonTracking/radarImages/$OKI1");

system("giftopnm
/home/www/TIWRM/TyphoonTracking/radarImages/OKI1_lastest.gif | pnmscale -
xscale 1.5 -yscale 1.5 | cjpeg >
/home/www/TIWRM/TyphoonTracking/radarImages/OKI1_lastest.jpg ");

system("giftopnm
/home/www/TIWRM/TyphoonTracking/radarImages/OKI1_lastest.gif | pnmcut -left
0 -top 0 -width 514 -height 514 | pnmscale -xscale 0.2 -yscale 0.2 | cjpeg >
/home/www/TIWRM/TyphoonTracking/radarImages/OKI1_lastest_small.jpg ");
system("giftopnm
/home/www/TIWRM/TyphoonTracking/radarImages/OKI1_lastest.gif | pnmcut -left
512 -top 3 -width 128 -height 60 | pnmscale -xscale 0.4 -yscale 0.4 | cjpeg
> /home/www/TIWRM/TyphoonTracking/radarImages/OKI1_lastest_status.jpg ");

system("rm -f /tmp/omkoil");
system("echo $insize $infile > /tmp/omkoil.tmp");
}

exit 0;
*****

```

```

ชื่อโปรแกรม : getPasak.pl
คำอธิบาย : โปรแกรมประมวลผลข้อมูลปริมาณน้ำและระดับน้ำจากเขื่อนป่าสัก และนำเข้าฐานข้อมูล ทำงานานาทีที่ 15 ของทุกชั่วโมง
*****
#!/usr/bin/perl
use Pg;
#require "auth.pl";

$mn = `date "+%M"`;
$hh = `date "+%H"`;
$dd = `date "+%d"`;
$mm = `date "+%m"`;
$yyyy = `date "+%Y"`;
chop($mn);
chop($hh);
chop($dd);
chop($mm);
chop($yyyy);
$mn='20';

$wr_type = 'pkwr';
$wr_table = 'rid'.'$wr_type.'daily';
$wr_datefile = 'pkwr'.'$yyyy.$mm.$dd.$hh.$mn.'.dat';
$rfr_type = 'pkrf';
$rfr_table = 'rid'.'$rfr_type.'daily';
$rfr_datefile = 'pkrf'.'$yyyy.$mm.$dd.$hh.$mn.'.dat';

#$wr_datefile = 'pkwr200209160820.dat';
#$rfr_datefile = 'pkrf200209160820.dat';

#system("wget -P /tmp -A dat --cut-dirs=2 --no-parent -r -nH
http://203.185.132.74/tiwrn/$wr_datefile");
#system("wget -P /tmp -A dat --cut-dirs=2 --no-parent -r -nH
http://203.185.132.74/tiwrn/$rfr_datefile");

system("cp /ARCHIVE/DATA/PASAK/home/tong/$wr_datefile /tmp");
system("cp /ARCHIVE/DATA/PASAK/home/tong/$rfr_datefile /tmp");

# What filename?
$wr_filename = "/tmp/$wr_datefile";
$rfr_filename = "/tmp/$rfr_datefile";

$date = $yyyy.'/'.'$mm.'/'.'$dd;
$time = $hh.':'.'$mn;

# Connect Database
$conn = Pg::connectdb("host=dbms dbname=rid user=postgres password=****");

## For Water level ##

# Parser and Input in Database
print "Put $wr_filename into $wr_table. ";
open (EP,$wr_filename);
while ($in = <EP>) {
    chop($in);
    @line = split(/\t/, $in);

    @chd = split(/\./, $line[0]);
    $chdate = $chd[2].'/'.'$chd[1].'/'.'$chd[0];

    for $i (0..$#line) {
        if ($line[$i] eq '') {$line[$i] = "null";}
        if ($line[$i] eq '-999.9') {$line[$i] = "null";}
        if (($line[$i] eq 'Y') and ($i > 24)) {$line[$i] = "\"t\"";}
        if (($line[$i] eq 'N') and ($i > 24)) {$line[$i] = "\"f\"";}
    }

    $query = "insert into $wr_table values
    ('$chdate', '$line[2]','$line[3]','$line[4]','$line[5]','$line[6]','$line[7]','$line

```

```

[8],$line[9],$line[10],$line[11],$line[12],$line[13],$line[14],$line[15],$li
ne[16],$line[17],$line[18],$line[19],$line[20],$line[21],$line[22],$line[23]
,$line[24],$line[25],$line[26],$line[27],$line[28],$line[29],$line[30],$line
[31],$line[32],$line[33],$line[34],$line[35]);\n";

#print "$query";
$res = $conn->exec($query);
if (($res->resultStatus()) ne PGRES_COMMAND_OK)
{
    $result = $res.$conn->errorMessage;
    print "$name_e : $query - $result\n";
    $temp = <STDIN>;
    open(LOGFILE,">>error_pk.log") || die "cannot create file $!";
    print LOGFILE "At $date On $time of waterlevel \n $query $result\n";
    print LOGFILE "$query\n";
    print LOGFILE
    "#####\n";
    close(LOGFILE) || die "cannot close file $outfile: $!";
}
else
{
    {print "$count - insert OK!!\n";}
}
system("rm $wr_filename");

## For Rainfall ##

# Parser and Input in Database
print "Put $rf_filename into $rf_table. ";
open (EP,$rf_filename);
while ($in = <EP>) {
    chop($in);
    @line = split(/\t/, $in);

    @chd = split(/\//, $line[0]);
    $chdate = $chd[2].'/'.$chd[1].'/'.$chd[0];

    for $i (0..$#line) {
        if ($line[$i] eq '') {$line[$i] = "null";}
        if ($line[$i] eq '-999.9') {$line[$i] = "null";}
        if (($line[$i] eq 'Y') and ($i > 13)) {$line[$i] = "\t";}
        if (($line[$i] eq 'N') and ($i > 13)) {$line[$i] = "\f";}
    }

    $line[3] = substr($line[3],3,5);

    $query = "insert into $rf_table values
    ('$chdate','$line[3]',$line[4],$line[5],$line[6],$line[7],$line[8],$line
    [9],$line[10],$line[11],$line[12],$line[13],$line[14],$line[15],$line[16],$l
    ine[17],$line[18],$line[19],$line[20],$line[21],$line[22],$line[23],$line[24]
    ,$line[25]);\n";

    #print "$query";
    $res = $conn->exec($query);
    if (($res->resultStatus()) ne PGRES_COMMAND_OK)
    {
        $result = $res.$conn->errorMessage;
        print "$name_e : $query - $result\n";
        $temp = <STDIN>;
        open(LOGFILE,">>error_pk.log") || die "cannot create file $!";
        print LOGFILE "At $date On $time of rainfall \n $query $result\n";
        print LOGFILE "$query\n";
        print LOGFILE
        "#####\n";
        close(LOGFILE) || die "cannot close file $outfile: $!";
    }
    else
    {
        {print "$count - insert OK!!\n";}
    }
}
system("rm $rf_filename");

```

```
exit 0;  
*****
```

ชื่อโปรแกรม : getPimaiRadar.pl

คำอธิบาย : โปรแกรมคัดลอกและประมวลผลภาพเรดาร์พินายจากสำนักฝนหลวง ทำงานนาที่ที่ลงท้ายด้วย 0 ของทุกชั่วโมง

```

*****
#!/usr/bin/perl
$dd = `date "+%d"`;
$mm = `date "+%m"`;
$yyy = `date "+%Y"`;
chop($dd);
chop($mm);
chop($yyy);
$yy = substr($yyy,2,2);

system("ls -s --block-size=1 /ARCHIVE/DATA/PASAK/home/tong/radarmix/pimai" .
"$yy$mm$dd*.GIF > /tmp/pimail");

$oldname = "/tmp/pimail.tmp";
open (EP,$oldname);
while ($in = <EP>) {
    chop($in);
    $in =~ s/^\s+//;
    ($oldsize,$oldfile) = split(/ /,$in);
}

$filename = "/tmp/pimail";
open (EP,$filename);
while ($in = <EP>) {
    chop($in);
    $in =~ s/^\s+//;
    ($insize,$infile) = split(/ /,$in);
}

($temp1,$temp2) = split(/\.\/,$infile);
$temp3 = substr($temp1,44,10);
$temp3 = '20'.$temp3;
$PMI1 = 'PMI1_'.$temp3.'.GIF';

if (($oldfile ne $infile) and ($insize ne '0')) {
    system("cp $infile
/home/www/TIWRM/TyphoonTracking/radarImages/PMI1_lastest.gif");
    system("cp /home/www/TIWRM/TyphoonTracking/radarImages/PMI1_lastest.gif
/home/www/TIWRM/TyphoonTracking/radarImages/$PMI1");

    system("giftopnm
/home/www/TIWRM/TyphoonTracking/radarImages/PMI1_lastest.gif | pnmscale -
xscale 1.5 -yscale 1.5 | cjpeg >
/home/www/TIWRM/TyphoonTracking/radarImages/PMI1_lastest.jpg ");

    system("giftopnm
/home/www/TIWRM/TyphoonTracking/radarImages/PMI1_lastest.gif | pnmcut -left
0 -top 0 -width 514 -height 514 | pnmscale -xscale 0.2 -yscale 0.2 | cjpeg >
/home/www/TIWRM/TyphoonTracking/radarImages/PMI1_lastest_small.jpg ");
    system("giftopnm
/home/www/TIWRM/TyphoonTracking/radarImages/PMI1_lastest.gif | pnmcut -left
512 -top 3 -width 128 -height 60 | pnmscale -xscale 0.4 -yscale 0.4 | cjpeg
> /home/www/TIWRM/TyphoonTracking/radarImages/PMI1_lastest_status.jpg ");

    system("rm -f /tmp/pimail");
    system("echo $insize $infile > /tmp/pimail.tmp");
}

exit 0;
*****

```

ชื่อโปรแกรม : getTMDradar.pl

คำอธิบาย : โปรแกรมget ภาพเรดาร์คอนเมืองโดยใช้โปรแกรม wget ทำงานนาที่ 03 ของทุกชั่วโมง

```

*****
#!/usr/bin/perl
use Pg;

%chno2month_chr = qw(
01  jan
02  feb
03  mar
04  apr
05  may
06  jun
07  jul
08  aug
09  sep
10  oct
11  nov
12  dec
);
$dd = `date -u "+%d"`;
$mm = `date -u "+%m"`;
$yyyy = `date -u "+%Y"`;
$hh = `date -u "+%H"`;
$MM = `date -u "+%M"`;
chop($dd);
chop($mm);
chop($yyyy);
chop($hh);
chop($MM);
$w = $yyyy.$mm.$dd.$hh.$MM;
$wc = $w.'.gif';
$DMG = 'DMG_'. $wc;
$HHN = 'HHN_'. $wc;
$RYG = 'RYG_'. $wc;
$DMG120 = 'DMG120_'. $wc;
$DMG300 = 'DMG300_'. $wc;
$SKA = 'SKA_'. $wc;

$aDMG120 = 'a_DMG120_'. $wc;
$aDMG300 = 'a_DMG300_'. $wc;
$aSKA = 'a_SKA_'. $wc;

system("wget -P /home/www/TIWRM/TyphoonTracking/radarImages -A gif --cut-
dirs=2 --no-parent -r -q -nH
'http://www.tmd.motc.go.th/radar/dmg120_lastest.gif'");
system("wget -P /home/www/TIWRM/TyphoonTracking/radarImages -A gif --cut-
dirs=2 --no-parent -r -q -nH
'http://www.tmd.motc.go.th/radar/dmg300_lastest.gif'");

system("wget -P /home/www/TIWRM/TyphoonTracking/radarImages -A gif --cut-
dirs=2 --no-parent -r -q -nH 'http://www.songkhla-
met.org/radar/images/Radar-Last.gif'");

system("cp /home/www/TIWRM/TyphoonTracking/radarImages/dmg120_lastest.gif
/home/www/TIWRM/TyphoonTracking/radarImages/$DMG120");
system("cp /home/www/TIWRM/TyphoonTracking/radarImages/dmg300_lastest.gif
/home/www/TIWRM/TyphoonTracking/radarImages/$DMG300");

system("mv /home/www/TIWRM/TyphoonTracking/radarImages/Radar-Last.gif
/home/www/TIWRM/TyphoonTracking/radarImages/SKA_lastest.gif");
system("cp /home/www/TIWRM/TyphoonTracking/radarImages/SKA_lastest.gif
/home/www/TIWRM/TyphoonTracking/radarImages/$SKA");

system("giftopnm
/home/www/TIWRM/TyphoonTracking/radarImages/dmg120_lastest.gif | pnmscale -

```

```

xscale 1.5 -yscale 1.5 | cjpeg >
/home/www/TIWRM/TyphoonTracking/radarImages/dmg120_lastest.jpg ");
system("giftopnm
/home/www/TIWRM/TyphoonTracking/radarImages/dmg300_lastest.gif | pnmscale -
xscale 1.5 -yscale 1.5 | cjpeg >
/home/www/TIWRM/TyphoonTracking/radarImages/dmg300_lastest.jpg ");

system("giftopnm /home/www/TIWRM/TyphoonTracking/radarImages/SKA_lastest.gif
| pnmscale -xscale 1.5 -yscale 1.5 | cjpeg >
/home/www/TIWRM/TyphoonTracking/radarImages/SKA_lastest.jpg ");

system("giftopnm
/home/www/TIWRM/TyphoonTracking/radarImages/dmg120_lastest.gif | pnmcut -
left 0 -top 0 -width 514 -height 514 | pnmscale -xscale 0.2 -yscale 0.2 |
cjpeg > /home/www/TIWRM/TyphoonTracking/radarImages/dmg120_lastest_small.jpg
");
system("giftopnm
/home/www/TIWRM/TyphoonTracking/radarImages/dmg120_lastest.gif | pnmcut -
left 514 -top 5 -width 127 -height 56 | pnmscale -xscale 0.4 -yscale 0.4 |
cjpeg >
/home/www/TIWRM/TyphoonTracking/radarImages/dmg120_lastest_status.jpg ");

system("giftopnm
/home/www/TIWRM/TyphoonTracking/radarImages/dmg300_lastest.gif | pnmcut -
left 0 -top 0 -width 514 -height 514 | pnmscale -xscale 0.2 -yscale 0.2 |
cjpeg > /home/www/TIWRM/TyphoonTracking/radarImages/dmg300_lastest_small.jpg
");
system("giftopnm
/home/www/TIWRM/TyphoonTracking/radarImages/dmg300_lastest.gif | pnmcut -
left 514 -top 5 -width 127 -height 56 | pnmscale -xscale 0.4 -yscale 0.4 |
cjpeg >
/home/www/TIWRM/TyphoonTracking/radarImages/dmg300_lastest_status.jpg ");

system("giftopnm /home/www/TIWRM/TyphoonTracking/radarImages/SKA_lastest.gif
| pnmcut -left 0 -top 0 -width 514 -height 514 | pnmscale -xscale 0.2 -
yscale 0.2 | cjpeg >
/home/www/TIWRM/TyphoonTracking/radarImages/SKA_lastest_small.jpg ");
system("giftopnm /home/www/TIWRM/TyphoonTracking/radarImages/SKA_lastest.gif
| pnmcut -left 524 -top 2 -width 102 -height 30 | pnmscale -xscale 0.6 -
yscale 0.6 | cjpeg >
/home/www/TIWRM/TyphoonTracking/radarImages/SKA_lastest_status.jpg ");

exit 0;
*****

```

```

ชื่อโปรแกรม : egat_dam.php
คำอธิบาย : รายงานสถานภาพน้ำเขื่อนต่าง ๆ ของการไฟฟ้าฝ่ายผลิตแห่งประเทศไทย โดยเลือกวันที่ที่ต้องการดูข้อมูล โปรแกรมจะค้นหาข้อมูลสถานภาพน้ำของเขื่อน ต่าง ๆ ของการไฟฟ้าฝ่ายผลิตแห่งประเทศไทย ตามวันที่ และแสดงผลรายงาน
*****
<?
#####
# nectec -- high performance computing research and development division --
#
# version:
# project: tiwrm
# filename: egat_dam.php
# author(s): thitiporn meeprasert
# purpose: big catchment report
#
# cmd line arg: none
# input:
# output:
# date created:
# history:
#
#####
# ***** main script *****
#####
#
# global vars:
# modified:
#
#####
include "config.php";
$conn = pg_connect("host=dbms port=5432 user=guest password=**** dbname=egat");
$conn1 = pg_connect("host=dbms port=5432 user=raider password=**** dbname=rid");
if ($sdate == "") { //$sdate = $date = date("Y/m/d"); //ถ้าไม่ใส่วันที่ไปหาวันที่ล่าสุดที่มีข้อมูลมาแสดง
    $xsql ="select max(to_char(date,'yyyymmdd'))from bhumibol ";
    $xrs =pg_Exec($conn, $xsql)or die("couldn't execute query"); $xnum =pg_NumRows($xrs);
    $xrow =pg_fetch_row($xrs, 0); $sdate =$xrow[0];$tdate = "ข้อมูลล่าสุดวันที่";
} else {$tdate = "วันที่"; }
?>
<html>
<head>
<title>รายงานสถานภาพน้ำเขื่อนต่าง ๆ ของการไฟฟ้าฝ่ายผลิตแห่งประเทศไทย</title>

```

```

<META name='Author' content='<?=$author ?>'><META name='Author' content='<?=$author1 ?>'>
<META NAME='description' CONTENT=''>
<META NAME='keywords' CONTENT=''>
<META http-equiv='Content-Type' content='text/html; charset=TIS-620'>
<style type="text/css">
<!--
body { font-family: Arial, Helvetica, sans-serif; font-size: 8pt}
td { font-family: Arial, Helvetica, sans-serif; font-size: 8pt;}
-->
</style>
</head>
<body bgcolor='#FFFFFF'>
<center><h4>รายงานสถานภาพน้ำเขื่อนต่าง ๆ ของการไฟฟ้าฝ่ายผลิตแห่งประเทศไทย</h4>
<? include("date.class");
    $date = split("/", $sdate); //Ymd

    $pd = Date_Calc::prevDay($date[2], $date[1], $date[0]); //date, month, year
    $fw = Date_Calc::nextDay($date[2], $date[1], $date[0]);
    $prdate = substr($pd, 6, 2); $prmonth = substr($pd, 4, 2); $pryear = substr($pd, 0, 4);
    $fwdate = substr($fw, 6, 2); $fwmonth = substr($fw, 4, 2); $fwyear = substr($fw, 0, 4);

    $arr = split("/", $sdate);
    $ddate = (substr($arr[2], 0, 1) == 0 ? substr($arr[2], 1, 1) : substr($arr[2], 0, 2)) . " " . $tmonth[$arr[1]-1] . " " .
($arr[0] + 543) ;
?>
<table border=0 width=100%><tr><td align=right>
<a href="egat_dam.php?sdate=<?=$pryear . "/" . $prmonth . "/" . $prdate ?>"><<วันที่ก่อนหน้า</a>
<td align=center><h4><?=$tdate ?>&nbsp;&nbsp;&nbsp;<?=$ddate ?><br></h4>
<td><a href="egat_dam.php?sdate=<?=$fwyear . "/" . $fwmonth . "/" . $fwdate ?>">วันที่ถัดไป</a></td></tr></table>
<?

$sql = "select date from bhumibol where date = '$sdate' "; //หาข้อมูลจากวันที่ที่ใส่ว่ามีข้อมูลหรือไม่ ถ้าไม่มีก็ไปหาวันที่ที่มีข้อมูล มา query ต่อไป
$rs = pg_exec($conn, $sql) ;
if ($rs) { $numr = pg_numrows($rs);
    if ($numr <= 0) {
        echo "<br><br><font color=red><h5>ไม่มีข้อมูล</h5>"; exit;
        //$xsql = "select max(to_char(date, 'yyyy/mm/dd')) from bhumibol ";
        //$xrs = pg_Exec($conn, $xsql) or die("couldn't execute query"); $xnum = pg_NumRows($xrs);
        //$xrow = pg_fetch_row($xrs, 0); $sdate = $xrow[0]; $tdate = "ข้อมูลล่าสุดวันที่";
    }
}

```

```

    }
?>
<table width='100%' border='1' cellspacing='0'>
  <tr bgcolor=lightpink>
    <td rowspan='3' align=center><b>เพื่อน</b></td>
    <td colspan='2' align=center><b>ระดับน้ำ<br>(เมตร)</b></td>
    <td colspan='4' align=center><b>ปริมาณน้ำในอ่างทั้งหมด<br>(ล้าน ลบ. เมตร)</b></td>
    <td colspan='3' align=center><b>ปริมาณน้ำไหลเข้าอ่าง<br>(ล้าน ลบ. เมตร)</b></td>
    <td colspan='3' align=center><b>ปริมาณน้ำที่ระบายเพื่อการ<br>เกษตรและผลิตไฟฟ้า<br>(ล้าน ลบ. เมตร)</b></td>
    <td colspan='3' align=center><b>ปริมาณน้ำที่ระบายเพื่อการ<br>เกษตรและอื่น ๆ<br>(ล้าน ลบ. เมตร)</b></td></tr>
  <tr bgcolor=lightpink>
    <td align=center><b>วันนี้</b></td>
    <td align=center><b>งานนี้</b></td>
    <td align=center><b>ใช้งานได้</b></td>
    <td align=center><b>คิดเป็น %<br>ของน้ำ<br>ใช้งานได้</b></td>
    <td align=center><b>คิดเป็น %<br>ของน้ำ<br>เต็มอ่าง</b></td>
    <td align=center><b>รับได้อีก</b></td>
    <td align=center><b>วันนี้</b></td>
    <td align=center><b>สะสมเดือนนี้</b></td>
    <td align=center><b>สะสมปีน้ำนี้</b></td>
    <td align=center><b>วันนี้</b></td>
    <td align=center><b>สะสมเดือนนี้</b></td>
    <td align=center><b>สะสมปีน้ำนี้</b></td>
    <td align=center><b>วันนี้</b></td>
    <td align=center><b>สะสมเดือนนี้</b></td>
    <td align=center><b>สะสมปีน้ำนี้</b></td>
  </tr>
<?
    $p_region = array("ภาคเหนือ","ภาคกลาง- ตะวันตก","ภาคตะวันออกเฉียงเหนือ","ภาคใต้");
    $p_dam =
"bhumibol,sirikit,maengat:srinagarind,thatungna,',kangkrachan,kiridharn:ubolratana,sirindhorn,chulaborn,nampung,huaikum,pakmun:r
ajjaprabha,banglang";
    $t_dam = "ภูมิพล,สิริกิติ์,แม่จิด :ศรีนครินทร์,ท่าทุ่งนา,วชิราลงกรณ์,แก่งกระจาน,สิริธาร :อุบลรัตน์,สิรินธร,จุฬาภรณ์,น้ำพุ,ห้วยคุ่ม,ปากมูล :ราชประภา,บางลง";
    $rid_damid = "1,2,3:21,,,20,, :10,11,12,16,,, :31,32";
    $dam = split(":",$p_dam); $tdam = split(":",$t_dam); $rdam = split(":",$rid_damid);
    for ($x=0;$x<count($p_region);$x++) {
      echo "<tr><td><b><u>$p_region[$x]</u>"; for ($j=1;$j<16;$j++) { echo "<td>&nbsp;"; }

```

```

    $i_dam = split(",", $dam[$x]); $it_dam = split(",", $tdam[$x]); $ri_dam = split(",", $rdam[$x]);
    for ($a = 0; $a < count($i_dam); $a++) { echo "<tr><td>$it_dam[$a]"; $adate = split("/", $sdate);
        if ($i_dam[$a] != "pakmun") $sql = "select level, storage, inflow, released, irrigation from $i_dam[$a]
where date = '$sdate' ";
        else $sql = "select level, tailrace, inflow, released from $i_dam[$a] where date = '$sdate' ";
        $rs = @pg_exec($conn, $sql);
        //echo "$sql<br>";
        if ($rs) { $numr = pg_numrows($rs); $numf = pg_numfields($rs);
            if ($numr > 0) { $row = pg_fetch_array($rs, 0); $q1 = $q2 = $q3 = $q4 = "";
                echo "<td align=right>&nbsp;"; . number_format($row[level], 2, ".", ""); //ระดับน้ำวันนี้
                $udate = $adate[0] . "/" . $adate[1] . "/" . ($adate[2] - 1);
                $sql1 = "select level from $i_dam[$a] where date = '$udate' "; $rs1 = @pg_exec($conn,
$sql1);
                echo "<td align=right>&nbsp;"; . number_format(@pg_result($rs1, 0, 0), 2, ".", ""); // ระดับน้ำเมื่อ
วันนี้

                if (trim($ri_dam[$a]) != "") { $rsql = "select upper, min from dam where dam_id
='$ri_dam[$a]' ";
                    $r_rs = @pg_exec($conn1, $rsql);
                    $q1 = @pg_result($r_rs, 0, 0) - $row[storage]; //รับได้อีกrid dam upper - egat storage
                    $q2 = @pg_result($r_rs, 0, 0) - @pg_result($r_rs, 0, 1) - $q1; // ใช้งานไดริด dam upper
                    - min - $q1
                    $q3 = ($q2 / ($q1 + $q2)) * 100 ; // % ใช้งานได้
                    $q4 = ($row[storage] / @pg_result($r_rs, 0, 0)) * 100 ; // % น้ำเต็มอ่าง egat storage / rid
                    dam upper
                    $q1 = number_format($q1, 2, ".", ""); $q2 = number_format($q2, 2, ".", "");
                    $q3 = number_format($q3, 2, ".", ""); $q4 = number_format($q4, 2, ".", "");
                }
                echo "<td align=right>&nbsp;$q2";
                echo "<td align=right>&nbsp;$q3" ;
                echo "<td align=right>&nbsp;$q4";
                echo "<td align=right>&nbsp;$q1";
                echo "<td align=right>&nbsp;"; . number_format($row[inflow], 2, ".", ""); //ปริมาณน้ำไหลเข้าอ่าง
                $mdate = $adate[0] . "-" . $adate[1];
                $sql2 = "select sum(inflow) from $i_dam[$a] where date between '$adate[0]-$adate[1]-1'
and '$adate[0]-$adate[1]-$adate[2]' " ;
                $rs2 = @pg_exec($conn, $sql2); echo "<td align=right>&nbsp;"; . @pg_result($rs2, 0, 0);

                $y = ((int) $adate[1] < 4) ? ($adate[0] - 1) : $adate[0];

```

```

$adate[1]-$adate[2]' ";
        $sql3 = "select sum(inflow) from $i_dam[$a] where date between '$y-04-01' and '$adate[0]-
$adate[1]-$adate[2]' ";
        $rs3 = @pg_exec($conn, $sql3); echo "<td
align=right>&nbsp;".number_format(@pg_result($rs3,0,0),2,".",",");

        echo "<td align=right>&nbsp;". number_format($row[released],2,".",","); //ปริมาณน้ำระบายเพื่อผลิต
กระแสไฟฟ้า
        $sql2 = "select sum(released) from $i_dam[$a] where date between '$adate[0]-$adate[1]-1'
and '$adate[0]-$adate[1]-$adate[2]' " ;
        $rs2 = @pg_exec($conn, $sql2); echo "<td align=right>&nbsp;".@pg_result($rs2,0,0);

        $sql3 = "select sum(released) from $i_dam[$a] where date between '$y-04-01' and
'$adate[0]-$adate[1]-$adate[2]' ";
        $rs3 = @pg_exec($conn, $sql3); echo "<td
align=right>&nbsp;".number_format(@pg_result($rs3,0,0),2,".",",");

        echo "<td align=right>&nbsp;". number_format($row[irrigation],2,".",","); //ปริมาณน้ำระบายเพื่อการ
เกษตร
        $sql2 = "select sum(irrigation) from $i_dam[$a] where date between '$adate[0]-$adate[1]-
1' and '$adate[0]-$adate[1]-$adate[2]' " ;
        $rs2 = @pg_exec($conn, $sql2); echo "<td align=right>&nbsp;".@pg_result($rs2,0,0);

        $sql3 = "select sum(irrigation) from $i_dam[$a] where date between '$y-04-01' and
'$adate[0]-$adate[1]-$adate[2]' ";
        $rs3 = @pg_exec($conn, $sql3); echo "<td
align=right>&nbsp;".number_format(@pg_result($rs3,0,0),2,".",",");
    }
}
else {for($b=0;$b<15;$b++) { echo "<td>&nbsp;";}}
}
}
pgclose($conn);
?>
</table><br></center>
ที่มา : การไฟฟ้าฝ่ายผลิต แห่งประเทศไทย
</body>
</html>
*****

```

```

ชื่อโปรแกรม : nwrc_all.php
คำอธิบาย : รายงานข้อมูลพื้นฐานการจัดการทรัพยากรน้ำระดับตำบล แสดงข้อมูลทุกด้าน โดยเลือกจังหวัด อำเภอ และตำบล โปรแกรมจะทำการค้นหาข้อมูลจากฐานข้อมูล และแสดงผลรายงาน
*****
<?
#####
# NECTEC -- High Performance Computing Research and Development Division --
#
# VERSION: 1
# PROJECT: TIWRM
# FILENAME: nwrc_all.php
# AUTHOR(S): Thitiporn Meeprasert
# PURPOSE: report all sum river data of water resource management
#
# CMD LINE ARG: none
# INPUT:
# OUTPUT:
# DATE CREATED:
# HISTORY:
#
#####
# ***** Main Script *****
#####
#
# GLOBAL VARS:
# MODIFIED:
#
#####
include("config.php");
?>
<html>
<head>
<title>สรุปข้อมูลพื้นฐานการจัดการทรัพยากรน้ำระดับตำบล</title>
<META name='Author' content='<?= $author ?>'><META name='Author' content='<?= $author1 ?>'>
<META NAME='description' CONTENT=''>
<META NAME='keywords' CONTENT=''>
<META http-equiv='Content-Type' content='text/html; charset=TIS-620'>
<style type="text/css">
<!--
.header1 { font-family: Arial, Helvetica, sans-serif; font-size: 8pt; font-weight: bold }
td {font-family: Arial, Helvetica, sans-serif; font-size: 8pt;}

```

```

-->
</style>
</head>
<body>
<form name=form1 method=post action=nwrc_gstatus.php>
<center>สรุปข้อมูลพื้นฐานการจัดการทรัพยากรน้ำระดับตำบล<br><br></center>
<u>ข้อมูลสภาพทั่วไป</u>
<?
    $conn = pg_connect("host=dbms port=5432 user=guest password=**** dbname=nwrc") or die("couldn't make connection");
    if (!$conn) error_log("Unable to open while processing ");
    $cfgMaxRows = 30;$cfgMaxPages = 9;

    if ($tmb_id != "") $ext = " where tmbinfo.tmb_id = '$tmb_id' ";
    elseif ($ampinfo_id != "") $ext = " where ampinfo.ampinfo_id = '$ampinfo_id' ";
    elseif ($ampinfo_id == "" && $tmb_id == "") $ext = " where prvinfo.prvinfo_id = '$prvinfo_id' ";

    $sql = "select tmbinfo.tmb_name, amp_name,
prv_name,n_family,n_citizen,n_rai_tmb,n_rai_live,n_rai_farm,n_rai_crop,n_rai_lvst,n_rai_fish,n_rai_frst,n_rai_pub
        from gstatus inner join tmbinfo on gstatus.tmb_id = tmbinfo.tmb_id
        inner join ampinfo on substring(tmbinfo.tmb_id from 0 for 5) = ampinfo.ampinfo_id
        inner join prvinfo on substring(tmbinfo.tmb_id from 0 for 3) = prvinfo.prvinfo_id
        $ext order by prv_name,amp_name,tmb_name";

    $rs = pg_Exec($conn, $sql) or die("couldn't execute query"); $num_rows = @pg_numrows($rs);
//
echo "$sql<br> $num_rows<br>";
if (!isset($pos)) $pos = 0;
$pos_next = $pos + $cfgMaxRows; $pos_prev = $pos - $cfgMaxRows; $iNumRows = $num_rows;
if ($num_rows < $pos_next) { $pos_next = $num_rows; }

    if ($num_rows <= 0) { echo "<center><br><font color=red><h5>ไม่มีข้อมูล</h5></font></center>"; }
    else { display_nav(urlencode($sql),$rs,"nwrc_all.php","&prvinfo_id=" . urlencode($prvinfo_id) . "&ampinfo_id=" .
urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id),$num_rows);
?>
<table border='1' cellspacing=0 width='100%'>
<tr >
    <td align=center class=header1>ลำดับ</td>
    <td align=center bgcolor='#FF9999' class=header1>ตำแหน่ง</td>
    <td align=center bgcolor='#9999FF' class=header1>ครัวเรือน</td>
    <td align=center bgcolor='#9999FF' class=header1>ประชากร (คน)</td>

```

```

<td align=center bgcolor='#FF9944' class=header1>พื้นที่ทั้งหมด (ไร่)</td>
<td align=center bgcolor='#FF9944' class=header1>ที่อยู่อาศัย (ไร่)</td>
<td align=center bgcolor='#FF9944' class=header1>ทำนา (ไร่)</td>
<td align=center bgcolor='#FF9944' class=header1>ทำไร่-ทำสวน (ไร่)</td>
<td align=center bgcolor='#FF9944' class=header1>ปลูกสัตว์ (ไร่)</td>
<td align=center bgcolor='#FF9944' class=header1>ประมง (ไร่)</td>
<td align=center bgcolor='#FF9944' class=header1>ป่า (ไร่)</td>
<td align=center bgcolor='#FF9944' class=header1>สาธารณะ (ไร่)</td>
</tr>
<?
    for ($i_row = $pos; $i_row < $pos_next; $i_row++) { // show data
        $row = pg_fetch_row($rs, $i_row); unset($primary_key);
        $bgcolor = $cfgBgcolorOne;
        $i_row % 2 ? 0: $bgcolor = $cfgBgcolorTwo;
        echo "<tr bgcolor=$bgcolor>"; $aa = $i_row+1;
        echo "<td align=right valign=top>&nbsp;&nbsp;&nbsp;"; $aa . "&nbsp;&nbsp;&nbsp;</td>\n";
        for ($i_field = 0; $i_field < pg_numfields($rs); $i_field++) {
            if (!isset($row[$i_field])) unset($row[$i_field]);
            $field_type = pg_fieldtype($rs, $i_field);
            $field_name = pg_fieldname($rs, $i_field);
            if ($i_field <=2) $color="#FFAAAA"; //pink
            elseif ($i_field == 2 || $i_field <=4 )$color="#AAAAFF"; //purple
            elseif ($i_field <= 4 || $i_field <=12 )$color="#FFAA55"; // orange
            else $color="";
            if ($field_name == "qlty_stat") {
                echo "<td align=left valign=top bgcolor='$color'>&nbsp;&nbsp;&nbsp;".
$stat[$row[$i_field]]."&nbsp;&nbsp;&nbsp;</td>\n";
            }
            elseif($field_name == "qlty_taste") {
                echo "<td align=left valign=top bgcolor='$color'>&nbsp;&nbsp;&nbsp;".
$taste[$row[$i_field]]."&nbsp;&nbsp;&nbsp;</td>\n";
            }
            elseif($field_name == "qlty_other") {
                echo "<td align=left valign=top bgcolor='$color'>&nbsp;&nbsp;&nbsp;".
$other[$row[$i_field]]."&nbsp;&nbsp;&nbsp;</td>\n";
            }
            elseif ($i_field <= 2) {
                if ($i_field == 1) echo "<td valign=top bgcolor='$color'>". " ค." . $row[0] . " อ." . $row[1] .
" จ." . $row[2] . "</td>\n";

```

```

    }
    elseif (eregi("int|numeric|float", $field_type)) {
        echo "<td align=right valign=top bgcolor='$color'>&nbsp;" . $row[$i_field] . "&nbsp;</td>\n";
    } elseif ($cfgShowBlob == false && eregi("BLOB", $field_type)) {
        echo "<td align=right valign=top bgcolor='$color'>&nbsp;[BLOB]&nbsp;</td>\n";
    } elseif (eregi("text|char", $field_type)) { // If the text is longer than $cfgMaxText characters,
        if (strlen($row[$i_field]) > $cfgMaxText && !empty($cfgMaxText)) {
            $strLgText = nl2br(htmlspecialchars(substr($row[$i_field], 0, $cfgMaxText))) . "
<br><b>... $strMore ...</b>";
        } else {
            $strLgText = nl2br(htmlspecialchars($row[$i_field]));
        }
        echo "<td valign=top bgcolor='$color'>&nbsp;$strLgText</td>\n";
    } elseif ($field_type == "bool") {
        echo "<td valign=top>&nbsp;"; bool_YesNo($row[$i_field]), "&nbsp;</td>\n";
    } else {
        echo "<td valign=top>&nbsp;"; nl2br(htmlspecialchars($row[$i_field])), "&nbsp;</td>\n";
    }
}
}
echo "</table>\n";
}
?>
<br><u>ข้อมูลสภาพอากาศและสภาพภูมิประเทศ</u>
<?
    $sql ="select climate.tmb_name, amp_name,
prv_name,max_temp,min_temp,annl_rain,annl_evap,msl,lat_long,map_zone,r_season,h_season,soil_type,geo_type
    from climate inner join tmbinfo on climate.tmb_id =tmbinfo.tmb_id
    inner join ampinfo on substring(tmbinfo.tmb_id from 0 for 5) = ampinfo.ampinfo_id
    inner join prvinfo on substring(tmbinfo.tmb_id from 0 for 3) = prvinfo.prvinfo_id
    $ext order by prv_name,amp_name,tmb_name";

    $rs = pg_Exec($conn, $sql) or die("couldn't execute query"); $num_rows = @pg_numrows($rs);
    if (!isset($pos)) $pos = 0;
    $pos_next = $pos + $cfgMaxRows; $pos_prev = $pos - $cfgMaxRows; $iNumRows = $num_rows;
    if ($num_rows < $pos_next) { $pos_next = $num_rows; }

    if ($num_rows <= 0) { echo "<center><br><font color=red><h5>ไม่มีข้อมูล</h5></font></center>"; }

```

```

        else { display_nav(urlencode($sql),$rs,"nwrc_all.php","&prvinfo_id=" . urlencode($prvinfo_id) . "&amprinfo_id=" .
urlencode($amprinfo_id) . "&tmb_id=" . urlencode($tmb_id),$num_rows);
    }
}
<table border='1' cellspacing=0 width='100%'>
    <tr>
        <td align=center class=header1>ลำดับ</td>
        <td align=center bgcolor='#FF9999' class=header1>ตำแหน่ง</td>
        <td align=center bgcolor='#9999FF' class=header1>อุณหภูมิ<br>เฉลี่ยต่ำสุด</td>
        <td align=center bgcolor='#9999FF' class=header1>อุณหภูมิ<br>เฉลี่ยสูงสุด</td>
        <td align=center bgcolor='#FF9944' class=header1>ฝนเฉลี่ย (มม./ปี)</td>
        <td align=center bgcolor='#FF9944' class=header1>อัตราการ<br>ระเหย (มม./ปี)</td>
        <td align=center bgcolor='#FF9944' class=header1>ระดับความสูง<br>(ม.รทก.)</td>
        <td align=center bgcolor='#FF9944' class=header1>แผนที่มาตรฐาน 1:50,000<br>พิกัด</td>
        <td align=center bgcolor='#FF9944' class=header1>แผนที่มาตรฐาน 1:50,000<br>แผนที่ทาง</td>
        <td align=center bgcolor='#4499FF' class=header1>ฤดูฝน</td>
        <td align=center bgcolor='#4499FF' class=header1>ฤดูแล้ง</td>
        <td align=center bgcolor='#4499FF' class=header1>สภาพดิน</td>
        <td align=center bgcolor='#4499FF' class=header1>สภาพภูมิประเทศ</td>
    </tr>
    <?
        for ($i_row = $pos; $i_row < $pos_next; $i_row++) { // show data
            $row = pg_fetch_row($rs, $i_row); unset($primary_key);
            $bgcolor = $cfgBgcolorOne;
            $i_row % 2 ? 0: $bgcolor = $cfgBgcolorTwo;
            echo "<tr bgcolor=$bgcolor>"; $aa = $i_row+1;
            echo "<td align=right valign=top>&nbsp;"; $aa . "&nbsp;";</td>\n";
            for ($i_field = 0; $i_field < pg_numfields($rs); $i_field++) {
                if (!isset($row[$i_field])) unset($row[$i_field]);
                $field_type = pg_fieldtype($rs, $i_field);
                $field_name = pg_fieldname($rs, $i_field);
                if ($i_field <=2) $color="#FFAAAA"; //pink
                elseif ($i_field == 2 || $i_field <=4 )$color="#AAAAFF"; //purple
                elseif ($i_field <= 4 || $i_field <=9 )$color="#FFAA55"; // orange
                elseif ($i_field > 9 )$color="#55AAFF"; //blue
                else $color="";
                if ($field_name == "qlty_stat") {
                    echo "<td align=left valign=top bgcolor='$color'>&nbsp;";
                    $stat[$row[$i_field]]."&nbsp;";</td>\n";
                }
            }
        }
    </?
    </tr>
</table>

```

```

        elseif($field_name == "qlty_taste") {
            echo "<td align=left valign=top bgcolor='$color'>&nbsp;".
$taste[$row[$i_field]]."&nbsp;</td>\n";
        }
        elseif($field_name == "qlty_other") {
            echo "<td align=left valign=top bgcolor='$color'>&nbsp;".
$other[$row[$i_field]]."&nbsp;</td>\n";
        }
        elseif ($i_field <= 2) {
            if ($i_field == 1) echo "<td valign=top bgcolor='$color'>". " ค." . $row[0] . " อ." . $row[1] .
" จ." . $row[2] . "</td>\n";
        }
        elseif($field_name == "r_season" || $field_name == "c_season" || $field_name == "h_season" ) {
            if ($row[$i_field] != "" && trim($row[$i_field]) != 0) $mon = $tmontha[date("n",
mktime(0,0,0,(substr($row[$i_field],0,2)+1),0,0))-1] . "-" . $tmontha[date("n",
mktime(0,0,0,(substr($row[$i_field],2,2)+1),0,0))-1] ;
            else $mon = "";
            echo "<td valign=top bgcolor='$color'>". $mon . "&nbsp;</td>\n";
        }
        elseif ($field_name == "soil_type") {$stype = "";
$a = split(",",$row[$i_field]); for ($v=0;$v<count($a);$v++) { $stype.=
$soil_type[trim($a[$v])] . ", "; }
$stype = substr(trim($stype),0,strlen($stype)-2);
echo "<td align=left valign=top bgcolor='$color'>". $stype . "&nbsp;</td>\n";
        }
        elseif ($field_name == "geo_type") {$gtype = "";
$a = split(",",$row[$i_field]); for ($v=0;$v<count($a);$v++) { $gtype.=
$geo_type[trim($a[$v])] . ", "; }
$gtype = substr(trim($gtype),0,strlen($gtype)-2);
echo "<td align=left valign=top bgcolor='$color'>". $gtype . "&nbsp;</td>\n";
        }

        elseif (eregi("int|numeric|float", $field_type)) {
            echo "<td align=right valign=top bgcolor='$color'>&nbsp;". $row[$i_field] . "&nbsp;</td>\n";
        } elseif ($cfgShowBlob == false && eregi("BLOB", $field_type)) {
            echo "<td align=right valign=top bgcolor='$color'>&nbsp;[BLOB]&nbsp;</td>\n";
        } elseif (eregi("text|char", $field_type)) { // If the text is longer than $cfgMaxText characters,
let's cut it short
            if (strlen($row[$i_field]) > $cfgMaxText && !empty($cfgMaxText)) {

```

```

        $strLgText = nl2br(htmlspecialchars(substr($row[$i_field], 0, $cfgMaxText))) . "
<br><b>... $strMore ...</b>";
    } else {
        $strLgText = nl2br(htmlspecialchars($row[$i_field]));
    }
    echo "<td valign=top bgcolor='$color'>&nbsp;$strLgText</td>\n";
} elseif ($field_type == "bool") {
    echo "<td valign=top>&nbsp;$bool_YesNo($row[$i_field]), "&nbsp;</td>\n";
} else {
    echo "<td valign=top>&nbsp;$row[$i_field]), "&nbsp;</td>\n";
}
}
}
echo "</table>\n";
}
?>
<br><u>ข้อมูลแหล่งน้ำธรรมชาติ แม่น้ำ ห้วย คลอง</u>
<?
    $sql ="select wrs_name,tmb_name, amp_name,
prv_name,width,length,depth,wl_rain,wl_dry,qlty_stat,qlty_taste,qlty_other,n_fmly_csm,n_rai_rain,n_rai_dry,n_fmly_ind,n_fmly_fsh,
n_rai_dig,dig_year,dig_code
    from rivcnl inner join tmbinfo on rivcnl.tmb_id = tmbinfo.tmb_id
    inner join ampinfo on substring(tmbinfo.tmb_id from 0 for 5) = ampinfo.ampinfo_id
    inner join prvinfo on substring(tmbinfo.tmb_id from 0 for 3) = prvinfo.prvinfo_id
    $ext order by prv_name,amp_name,tmb_name,wrs_name";

    $rs = pg_Exec($conn, $sql) or die("couldn't execute query"); $num_rows = @pg_numrows($rs);

    if (!isset($pos)) $pos = 0;
    $pos_next = $pos + $cfgMaxRows; $pos_prev = $pos - $cfgMaxRows; $iNumRows = $num_rows;
    if ($num_rows < $pos_next) { $pos_next = $num_rows; }

    if ($num_rows <= 0) { echo "<center><br><font color=red><h5>ไม่มีข้อมูล</h5></font></center>"; }
    else { display_nav(urlencode($sql),$rs,"nwrc_all.php","&prvinfo_id=" . urlencode($prvinfo_id) . "&ampinfo_id=" .
urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id),$num_rows);
    ?>
<table border='1' cellpadding=0 width='100%'>
    <tr >
        <td align=center class=header1>ลำดับ</td>

```

```

<td align=center bgcolor='#FF9999' class=header1>ชื่อแม่น้ำ, ห้วย, คลอง</td>
<td align=center bgcolor='#FF9999' class=header1>ตำแหน่ง</td>
<td align=center bgcolor='#9999FF' class=header1>กว้าง (ม.)</td>
<td align=center bgcolor='#9999FF' class=header1>ยาว (ม.)</td>
<td align=center bgcolor='#9999FF' class=header1>ลึก (ม.)</td>
<td align=center bgcolor='#FF9944' class=header1>ระดับน้ำใน<br>ฤดูฝน (ม.)</td>
<td align=center bgcolor='#FF9944' class=header1>ระดับน้ำใน<br>ฤดูแล้ง (ม.)</td>
<td align=center bgcolor='#FF9944' class=header1>สภาพ</td>
<td align=center bgcolor='#FF9944' class=header1>รสชาติ</td>
<td align=center bgcolor='#FF9944' class=header1>อื่นๆ</td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>อุปโภค-บริโภค<br>(ครัวเรือน) </td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การเพาะปลูกใน<br>ฤดูฝน (ไร่)</td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การเพาะปลูกใน<br>ฤดูแล้ง (ไร่)</td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>อุตสาหกรรม<br>ในครัวเรือน<br>(ครัวเรือน) <br></td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การประมง<br>เลี้ยงสัตว์<br>(ครัวเรือน) <br></td>
<td align=center bgcolor='#4499FF' class=header1>ขุดลอกแล้ว(ไร่)</td>
<td align=center bgcolor='#4499FF' class=header1>ปีที่ขุดลอก</td>
<td align=center bgcolor='#4499FF' class=header1>ยังไม่ได้ขุดลอก</td>
</tr>
<?
    for ($i_row = $pos; $i_row < $pos_next; $i_row++) { // show data
        $row = pg_fetch_row($rs, $i_row); unset($primary_key);
        $bgcolor = $cfgBgcolorOne;
        $i_row % 2 ? 0: $bgcolor = $cfgBgcolorTwo;
        echo "<tr bgcolor=$bgcolor>"; $aa = $i_row+1;
        echo "<td align=right valign=top>&nbsp;"; $aa . " $aa . "&nbsp;</td>\n";
        for ($i_field = 0; $i_field < pg_numfields($rs); $i_field++) {
            if (!isset($row[$i_field])) unset($row[$i_field]);
            $field_type = pg_fieldtype($rs, $i_field);
            $field_name = pg_fieldname($rs, $i_field);
            if ($i_field <=2) $color="#FFAAAA"; //pink
            elseif ($i_field == 2 || $i_field <=6) $color="#AAAAFF"; //purple
            elseif ($i_field <= 7 || $i_field <=11) $color="#FFAA55"; // orange
            elseif ($i_field > 11) $color="#55AAFF"; //blue
            else $color="";
            if ($field_name == "qlty_stat") {
                echo "<td align=left valign=top bgcolor='$color'>&nbsp;";
                $stat[$row[$i_field]]."&nbsp;</td>\n";
            }
        }
    }
}

```

```

    }
    elseif($field_name == "qlty_taste") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;".
$taste[$row[$i_field]]."&nbsp;</td>\n";
    }
    elseif($field_name == "qlty_other") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;".
$oother[$row[$i_field]]."&nbsp;</td>\n";
    }
    elseif ($i_field == 0 ) {
        echo "<td valign=top bgcolor='$color'>$row[$i_field]&nbsp;</td>\n";
    }
    elseif ($i_field <= 1 || $i_field <= 3) {
        if ($i_field == 1) echo "<td valign=top bgcolor='$color'>". " ค." . $row[1] . " อ." . $row[2] .
" จ." . $row[3] . "</td>\n";
    }
    elseif($field_name == "dig_code") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;". $dig[$row[$i_field]]."&nbsp;</td>\n";
    }
    elseif($field_name == "dig_year") {
        $digyear = ($row[$i_field] == 0 ? "" : $row[$i_field]) ;
        echo "<td align=right valign=top bgcolor='$color'>&nbsp;$digyear&nbsp;</td>\n";
    }
    elseif (eregi("int|numeric|float", $field_type)) {
        echo "<td align=right valign=top bgcolor='$color'>&nbsp;". $row[$i_field] . "&nbsp;</td>\n";
    } elseif ($cfgShowBlob == false && eregi("BLOB", $field_type)) {
        echo "<td align=right valign=top bgcolor='$color'>&nbsp;[BLOB]&nbsp;</td>\n";
    } elseif (eregi("text|char", $field_type)) { // If the text is longer than $cfgMaxText characters,
let's cut it short
        if (strlen($row[$i_field]) > $cfgMaxText && !empty($cfgMaxText)) {
            $strLgText = nl2br(htmlspecialchars(substr($row[$i_field], 0, $cfgMaxText))) . "
<br><b>... $strMore ...</b>";
        } else {
            $strLgText = nl2br(htmlspecialchars($row[$i_field]));
        }
        echo "<td valign=top bgcolor='$color'>&nbsp;$strLgText</td>\n";
    } elseif ($field_type == "bool") {
        echo "<td valign=top>&nbsp;". bool_YesNo($row[$i_field]), "&nbsp;</td>\n";
    } else {
        echo "<td valign=top>&nbsp;". nl2br(htmlspecialchars($row[$i_field])), "&nbsp;</td>\n";
    }
}

```

```

    }
    }
    echo "</table>\n";
}
?>
<br><u>ข้อมูลแหล่งน้ำธรรมชาติ หนอง, บึง</u>
<?
    $sql ="select wrs_name,tmb_name, amp_name,
prv_name,wrs_rai,width,length,depth,wl_rain,wl_dry,qlty_stat,qlty_taste,qlty_other,n_fmly_csm,n_rai_rain,n_rai_dry,n_fmly_ind,n_f
mly_fsh,n_rai_dig,dig_year,dig_code
    from swamp
    inner join tmbinfo on swamp.tmb_id = tmbinfo.tmb_id
    inner join ampinfo on substring(tmbinfo.tmb_id from 0 for 5) = ampinfo.ampinfo_id
    inner join prvinfo on substring(tmbinfo.tmb_id from 0 for 3) = prvinfo.prvinfo_id
    $ext order by prv_name,amp_name,tmb_name,wrs_name";

    $rs = pg_Exec($conn, $sql) or die("couldn't execute query");  $num_rows = @pg_numrows($rs);

    if (!isset($pos)) $pos = 0;
    $pos_next = $pos + $cfgMaxRows; $pos_prev = $pos - $cfgMaxRows; $iNumRows = $num_rows;
    if ($num_rows < $pos_next) { $pos_next = $num_rows;  }

    if ($num_rows <= 0) { echo "<center><br><font color=red><h5>ไม่มีข้อมูล</h5></font></center>"; }
    else { display_nav(urlencode($sql),$rs,"nwrc_all.php","&prvinfo_id=" . urlencode($prvinfo_id) . "&ampinfo_id=" .
urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id),$num_rows);
?>
<table border='1' cellspacing=0 width='100%'>
<tr>
<td align=center class=header1>ลำดับ</td>
<td align=center bgcolor='#FF9999' class=header1>ชื่อหนองบึง</td>
<td align=center bgcolor='#FF9999' class=header1>ตำแหน่ง</td>
<td align=center bgcolor='#9999FF' class=header1>พื้นที่<br>(ไร่)</td>
<td align=center bgcolor='#9999FF' class=header1>กว้าง (ม.)</td>
<td align=center bgcolor='#9999FF' class=header1>ยาว (ม.)</td>
<td align=center bgcolor='#9999FF' class=header1>ลึก (ม.)</td>
<td align=center bgcolor='#FF9944' class=header1>ระดับน้ำใน<br>ฤดูฝน (ม.)</td>
<td align=center bgcolor='#FF9944' class=header1>ระดับน้ำใน<br>ฤดูแล้ง (ม.)</td>

```

```

<td align=center bgcolor='#FF9944' class=header1>สภาพ</td>
<td align=center bgcolor='#FF9944' class=header1>รสชาติ</td>
<td align=center bgcolor='#FF9944' class=header1>อื่นๆ</td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>อุปโภค-บริโภค<br>(ครัวเรือน) </td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การเพาะปลูกใน<br>ฤดูฝน (ไร่) </td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การเพาะปลูกใน<br>ฤดูแล้ง (ไร่) </td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>อุตสาหกรรม<br>ในครัวเรือน<br>(ครัวเรือน) <br></td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การประมง<br>เลี้ยงสัตว์<br>(ครัวเรือน) <br></td>
<td align=center bgcolor='#4499FF' class=header1>ขุดลอกแล้ว (ไร่) </td>
<td align=center bgcolor='#4499FF' class=header1>ปีที่ขุดลอก</td>
<td align=center bgcolor='#4499FF' class=header1>ยังไม่ได้ขุดลอก</td>
</tr>
<?
    for ($i_row = $pos; $i_row < $pos_next; $i_row++) { // show data
        $row = pg_fetch_row($rs, $i_row); unset($primary_key);
        $bgcolor = $cfgBgcolorOne;
        $i_row % 2 ? 0: $bgcolor = $cfgBgcolorTwo;
        echo "<tr bgcolor=$bgcolor>"; $aa = $i_row+1;
        echo "<td align=right valign=top>&nbsp;   "; $aa . " &nbsp;   </td>\n";
        for ($i_field = 0; $i_field < pg_numfields($rs); $i_field++) {
            if (!isset($row[$i_field])) unset($row[$i_field]);
            $field_type = pg_fieldtype($rs, $i_field);
            $field_name = pg_fieldname($rs, $i_field);
            if ($i_field <= 2) $color="#FFAAAA"; //pink
            elseif ($i_field == 2 || $i_field <=7 )$color="#AAAAFF"; //purple
            elseif ($i_field <= 8 || $i_field <=12 )$color="#FFAA55"; // orange
            elseif ($i_field > 12 )$color="#55AAFF"; //blue
            else $color="";
            if ($field_name == "qlty_stat") {
                echo "<td align=left valign=top bgcolor='$color'>&nbsp;   ".
$stat[$row[$i_field]]."&nbsp;   </td>\n";
            }
            elseif($field_name == "qlty_taste") {
                echo "<td align=left valign=top bgcolor='$color'>&nbsp;   ".
$taste[$row[$i_field]]."&nbsp;   </td>\n";
            }
            elseif($field_name == "qlty_other") {
                echo "<td align=left valign=top bgcolor='$color'>&nbsp;   ".
$other[$row[$i_field]]."&nbsp;   </td>\n";
            }
        }
    }
}

```

```

    }
    elseif ($i_field == 0 ) {
        echo "<td valign=top bgcolor='$color'>$row[$i_field]&nbsp;</td>\n";
    }
    elseif ($i_field <= 1 || $i_field <= 3) {
        if ($i_field == 1) echo "<td valign=top bgcolor='$color'>". " ค." . $row[1] . " อ." . $row[2] .
" จ." . $row[3] . "</td>\n";
    }
    elseif($field_name == "dig_code") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;". $dig[$row[$i_field]]."&nbsp;</td>\n";
    }
    elseif($field_name == "dig_year") {
        $digyear = ($row[$i_field] == 0 ? "" : $row[$i_field]) ;
        echo "<td align=right valign=top bgcolor='$color'>&nbsp;$digyear&nbsp;</td>\n";
    }
    elseif (eregi("int|numeric|float", $field_type)) {
        echo "<td align=right valign=top bgcolor='$color'>&nbsp;". $row[$i_field] . " &nbsp;</td>\n";
    } elseif ($cfgShowBlob == false && eregi("BLOB", $field_type)) {
        echo "<td align=right valign=top bgcolor='$color'>&nbsp;[BLOB]&nbsp;</td>\n";
    } elseif (eregi("text|char", $field_type)) { // If the text is longer than $cfgMaxText characters,
let's cut it short
        if (strlen($row[$i_field]) > $cfgMaxText && !empty($cfgMaxText)) {
            $strLgText = nl2br(htmlspecialchars(substr($row[$i_field], 0, $cfgMaxText))) . "
<br><b>... $strMore ...</b>";
        } else {
            $strLgText = nl2br(htmlspecialchars($row[$i_field]));
        }
        echo "<td valign=top bgcolor='$color'>&nbsp;$strLgText</td>\n";
    } elseif ($field_type == "bool") {
        echo "<td valign=top bgcolor='$color'>&nbsp;". bool_YesNo($row[$i_field]), "&nbsp;</td>\n";
    } else {
        echo "<td valign=top bgcolor='$color'>&nbsp;". nl2br(htmlspecialchars($row[$i_field])),
"&nbsp;</td>\n";
    }
}
}
echo "</table>\n";
}
?>
<br><u>ข้อมูลแหล่งน้ำที่ก่อสร้างขึ้น อ่างเก็บน้ำ</u>

```

```

<?
    $sql = "select stor_name,tmb_name, amp_name,
prv_name,agency_id,wsrc_code,st_create,end_create,wrs_vol,supply_sys,qlty_stat,qlty_taste,qlty_other,wrs_stat,na_code,n_fmly_csm,
n_rai_rain,n_rai_dry,n_fmly_ind,n_fmly_fsh
        from storage inner join tmbinfo on storage.tmb_id = tmbinfo.tmb_id
        inner join ampinfo on substring(tmbinfo.tmb_id from 0 for 5) = ampinfo.ampinfo_id
        inner join prvinfo on substring(tmbinfo.tmb_id from 0 for 3) = prvinfo.prvinfo_id
        $ext order by prv_name,amp_name,tmb_name,stor_name";

    $rs = pg_Exec($conn, $sql) or die("couldn't execute query"); $num_rows = @pg_numrows($rs);

    if (!isset($pos)) $pos = 0;
    $pos_next = $pos + $cfgMaxRows; $pos_prev = $pos - $cfgMaxRows; $iNumRows = $num_rows;
    if ($num_rows < $pos_next) { $pos_next = $num_rows; }

    if ($num_rows <= 0) { echo "<center><br><font color=red><h5>ไม่มีข้อมูล</h5></font></center>"; }
    else { display_nav(urlencode($sql),$rs,"nwrc_all.php",&prvinfo_id=" . urlencode($prvinfo_id) . "&ampinfo_id=" .
urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id),$num_rows);
    ?>
<table border='1' cellpadding=0 width='100%'>
    <tr >
        <td align=center class=header1>ลำดับ</td>
        <td align=center bgcolor='#FF9999' class=header1>ชื่อโครงการ</td>
        <td align=center bgcolor='#FF9999' class=header1>ตำแหน่ง</td>
        <td align=center bgcolor='#9999FF' class=header1>หน่วยงาน<br>ที่รับ<br>ผิดชอบ</td>
        <td align=center bgcolor='#9999FF' class=header1>แหล่งน้ำ<br>ของ<br>อ่างเก็บน้ำ</td>
        <td align=center bgcolor='#9999FF' class=header1>ระยะเวลา<br>เริ่มต้น<br>ก่อสร้าง พ.ศ.) </td>
        <td align=center bgcolor='#9999FF' class=header1>ระยะเวลา<br>ก่อสร้าง<br>เสร็จ (พ.ศ.)</td>
        <td align=center bgcolor='#9999FF' class=header1>ความจุ<br>อ่างเก็บน้ำ<br>(ล้าน ลบ.ม.)</td>
        <td align=center bgcolor='#FF9944' class=header1>ระบบส่งน้ำ</td>
        <td align=center bgcolor='#FF9944' class=header1>สภาพ</td>
        <td align=center bgcolor='#FF9944' class=header1>รสชาติ</td>
        <td align=center bgcolor='#FF9944' class=header1>อื่นๆ</td>
        <td align=center bgcolor='#FF9944' class=header1>สภาพปัจจุบัน</td>
        <td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>อุปโภค-บริโภค<br>(ครัวเรือน) </td>
        <td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การเพาะปลูกใน<br>ฤดูฝน (ไร่) </td>
        <td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การเพาะปลูกใน<br>ฤดูแล้ง (ไร่) </td>

```

```

        <td align=center bgcolor='#4499FF' class=header>การใช้ประโยชน์<br>อุตสาหกรรม<br>ในครัวเรือน<br>(ครัวเรือน)<br></td>
        <td align=center bgcolor='#4499FF' class=header>การใช้ประโยชน์<br>การประมง<br>เลี้ยงสัตว์<br>(ครัวเรือน)<br></td>
    </tr>
    <?
        for ($i_row = $pos; $i_row < $pos_next; $i_row++) { // show data
            $row = pg_fetch_row($rs, $i_row); unset($primary_key);
            $bgcolor = $cfgBgcolorOne;
            $i_row % 2 ? 0: $bgcolor = $cfgBgcolorTwo;
            echo "<tr bgcolor=$bgcolor>"; $aa = $i_row+1;
            echo "<td align=right valign=top>&nbsp;"; $aa . " &nbsp;";</td>\n";
            for ($i_field = 0; $i_field < pg_numfields($rs); $i_field++) {
                //echo "<td align=right valign=top bgcolor=$color>&nbsp;";</td>\n";
                if (!isset($row[$i_field])) unset($row[$i_field]);
                $field_type = pg_fieldtype($rs, $i_field);
                $field_name = pg_fieldname($rs, $i_field);
                if ($i_field <= 2) $color="#FFAAAA"; //pink
                elseif ($i_field == 2 || $i_field <=8 )$color="#AAAAFF"; //purple
                elseif ($i_field <= 9 || $i_field <=13 )$color="#FFAA55"; // orange
                elseif ($i_field > 13 )$color="#55AAFF"; //blue
                else $color="";
                if ($field_name == "agency_id") {
                    echo "<td align=left valign=top bgcolor=$color>&nbsp;";
                    $agency[$row[$i_field]]."&nbsp;";</td>\n";
                }
                elseif ($field_name == "wsrc_code") {
                    echo "<td align=left valign=top bgcolor=$color>&nbsp;";
                    $wsrc[$row[$i_field]]."&nbsp;";</td>\n";
                }
                elseif ($field_name == "supply_sys") {
                    echo "<td align=left valign=top bgcolor=$color>&nbsp;";
                    $supply[$row[$i_field]]."&nbsp;";</td>\n";
                }

                elseif ($field_name == "qlty_stat") {
                    echo "<td align=left valign=top bgcolor=$color>&nbsp;";
                    $stat[$row[$i_field]]."&nbsp;";</td>\n";
                }
                elseif($field_name == "qlty_taste") {
                    echo "<td align=left valign=top bgcolor=$color>&nbsp;";
                    $taste[$row[$i_field]]."&nbsp;";</td>\n";
                }
            }
        }
    }

```

```

elseif($field_name == "qlty_other") {
    echo "<td align=left valign=top bgcolor='$color'>&nbsp;";
$other[$row[$i_field]]."&nbsp;";</td>\n";
}
elseif ($field_name == "wrs_stat" || $field_name == "na_code") {
    if ($field_name == "wrs_stat") echo "<td align=left valign=top bgcolor='$color'>&nbsp;";
$status[$row[$i_field]]. " " . $wrs_na[$row[14]] . " &nbsp;";</td>\n";
}
elseif ($i_field == 0 ) {
    echo "<td valign=top bgcolor='$color'>$row[$i_field]&nbsp;";</td>\n";
}
elseif ($i_field <= 1 || $i_field <= 3) {
    if ($i_field == 1) echo "<td valign=top bgcolor='$color'>". " ค." . $row[1] . " อ." . $row[2] .
" จ." . $row[3] . "</td>\n";
}
elseif (eregi("int|numeric|float", $field_type)) {
    echo "<td align=right valign=top bgcolor='$color'>&nbsp;"; $row[$i_field] . " &nbsp;";</td>\n";
} elseif ($cfgShowBlob == false && eregi("BLOB", $field_type)) {
    echo "<td align=right valign=top bgcolor='$color'>&nbsp;"; [BLOB]&nbsp;";</td>\n";
} elseif (eregi("text|char", $field_type)) { // If the text is longer than $cfgMaxText characters,
let's cut it short
    if (strlen($row[$i_field]) > $cfgMaxText && !empty($cfgMaxText)) {
        $strLgText = nl2br(htmlspecialchars(substr($row[$i_field], 0, $cfgMaxText))) . "
<br><b>... $strMore ...</b>";
    } else {
        $strLgText = nl2br(htmlspecialchars($row[$i_field]));
    }
    echo "<td valign=top bgcolor='$color'>&nbsp;";$strLgText</td>\n";
} elseif ($field_type == "bool") {
    echo "<td valign=top>&nbsp;";, bool_YesNo($row[$i_field]), "&nbsp;";</td>\n";
} else {
    echo "<td valign=top>&nbsp;";, nl2br(htmlspecialchars($row[$i_field])), "&nbsp;";</td>\n";
}
}
}
echo "</table>\n";
}
?>
<br><u>ข้อมูลแหล่งน้ำที่ก่อสร้างขึ้น ฝ่าย</u>
<?

```

```

$sql = "select weir_name,tmb_name, amp_name,
prv_name,agency_id,wsrsrc_code,yr_create,width,height,supply_sys,qlty_stat,qlty_taste,qlty_other,weir_stat,na_code,n_fmly_csm,n_rai
_rain,n_rai_dry,n_fmly_ind,n_fmly_fsh,n_rai_dig,dig_year,dig_code
from weir inner join tmbinfo on weir.tmb_id = tmbinfo.tmb_id
inner join ampinfo on substring(tmbinfo.tmb_id from 0 for 5) = ampinfo.ampinfo_id
inner join prvinf on substring(tmbinfo.tmb_id from 0 for 3) = prvinf.prvinf_id
$ext order by prv_name,amp_name,tmb_name,weir_name";

$rs = pg_Exec($conn, $sql) or die("couldn't execute query"); $num_rows = @pg_numrows($rs);

if (!isset($pos)) $pos = 0;
$pos_next = $pos + $cfgMaxRows; $pos_prev = $pos - $cfgMaxRows; $iNumRows = $num_rows;
if ($num_rows < $pos_next) { $pos_next = $num_rows; }

if ($num_rows <= 0) { echo "<center><br><font color=red><h5>ไม่มีข้อมูล</h5></font></center>"; }
else { display_nav(urlencode($sql),$rs,"nwrc_all.php","&prvinf_id=" . urlencode($prvinf_id) . "&ampinfo_id=" .
urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id),$num_rows);
?>
<table border='1' cellspacing=0 width='100%'>
<tr >
<td align=center class=header1>ลำดับ</td>
<td align=center bgcolor='#FF9999' class=header1>ชื่อโครงการ</td>
<td align=center bgcolor='#FF9999' class=header1>ตำแหน่ง</td>
<td align=center bgcolor='#9999FF' class=header1>หน่วยงาน<br>ที่รับ<br>ผิดชอบ</td>
<td align=center bgcolor='#9999FF' class=header1>แหล่งน้ำ<br>ของ<br>ฝ่าย</td>
<td align=center bgcolor='#9999FF' class=header1>ปีที่<br>ก่อสร้าง<br>(พ.ศ.)</td>
<td align=center bgcolor='#9999FF' class=header1>กว้าง (ม.)</td>
<td align=center bgcolor='#9999FF' class=header1>สูง (ม.)</td>
<td align=center bgcolor='#FF9944' class=header1>ระบบส่งน้ำ</td>
<td align=center bgcolor='#FF9944' class=header1>สภาพ</td>
<td align=center bgcolor='#FF9944' class=header1>ชนิด</td>
<td align=center bgcolor='#FF9944' class=header1>อื่นๆ</td>
<td align=center bgcolor='#FF9944' class=header1>สภาพปัจจุบัน</td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>อุปโภค-บริโภค<br>(ครัวเรือน) </td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การเพาะปลูกใน<br>ฤดูฝน (ไร่)</td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การเพาะปลูกใน<br>ฤดูแล้ง (ไร่)</td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>อุตสาหกรรม<br>ในครัวเรือน<br>(ครัวเรือน)<br></td>

```

```

<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การประมง<br>เลี้ยงสัตว์<br>(ครัวเรือน) <br></td>
<td align=center bgcolor='#4499FF' class=header1>ขุดลอกแล้ว(ไร่)</td>
<td align=center bgcolor='#4499FF' class=header1>ปีที่ขุดลอก</td>
<td align=center bgcolor='#4499FF' class=header1>ยังไม่ได้ขุดลอก</td>
</tr>
<?
    for ($i_row = $pos; $i_row < $pos_next; $i_row++){ // show data
        $row = pg_fetch_row($rs, $i_row); unset($primary_key);
        $bgcolor = $cfgBgcolorOne;
        $i_row % 2 ? 0: $bgcolor = $cfgBgcolorTwo;
        echo "<tr bgcolor=$bgcolor>"; $aa = $i_row+1;
        echo "<td align=right valign=top>&nbsp;"; $aa . " &nbsp;";</td>\n";
        for ($i_field = 0; $i_field < pg_numfields($rs); $i_field++) {
            //echo "<td align=right valign=top bgcolor='$color'>&nbsp;$row[$i_field]&nbsp;";</td>\n";
            if (!isset($row[$i_field])) unset($row[$i_field]);
            $field_type = pg_fieldtype($rs, $i_field);
            $field_name = pg_fieldname($rs, $i_field);
            if ($i_field <= 2) $color="#FFAAAA"; //pink
            elseif ($i_field == 2 || $i_field <=8 )$color="#AAAAFF"; //purple
            elseif ($i_field <= 9 || $i_field <=13 )$color="#FFAA55"; // orange
            elseif ($i_field > 13 )$color="#55AAFF"; //blue
            else $color="";
            if ($field_name == "agency_id") {
                echo "<td align=left valign=top bgcolor='$color'>&nbsp;";
                $agency[$row[$i_field]]."&nbsp;";</td>\n";
            }
            elseif ($field_name == "wsrsrc_code") {
                echo "<td align=left valign=top bgcolor='$color'>&nbsp;";
                $wsrsrc[$row[$i_field]]."&nbsp;";</td>\n";
            }
            elseif ($field_name == "supply_sys") {
                echo "<td align=left valign=top bgcolor='$color'>&nbsp;";
                $supply[$row[$i_field]]."&nbsp;";</td>\n";
            }
            elseif ($field_name == "qlty_stat") {
                echo "<td align=left valign=top bgcolor='$color'>&nbsp;";
                $stat[$row[$i_field]]."&nbsp;";</td>\n";
            }
            elseif ($field_name == "qlty_taste") {

```

```

        echo "<td align=left valign=top bgcolor='$color'>&nbsp;";
$staste[$row[$i_field]]."&nbsp;";</td>\n";
    }
    elseif($field_name == "qlty_other") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;";
$sother[$row[$i_field]]."&nbsp;";</td>\n";
    }
    elseif ($field_name == "weir_stat" || $field_name == "na_code") {
        if ($field_name == "weir_stat") echo "<td align=left valign=top bgcolor='$color'>&nbsp;";
$status[$row[$i_field]]. " " . $weir_na[$row[14]] . "&nbsp;";</td>\n";
    }
    elseif ($i_field == 0 ) {
        echo "<td valign=top bgcolor='$color'>$row[$i_field]&nbsp;";</td>\n";
    }
    elseif ($i_field <= 1 || $i_field <= 3) {
        if ($i_field == 1) echo "<td valign=top bgcolor='$color'>". " ค." . $row[1] . " จ." . $row[2] .
" จ." . $row[3] . "</td>\n";
    }
    elseif($field_name == "dig_code") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;"; $dig[$row[$i_field]]."&nbsp;";</td>\n";
    }
    elseif($field_name == "dig_year") {
        $digyear = ($row[$i_field] == 0 ? "" : $row[$i_field]) ;
        echo "<td align=right valign=top bgcolor='$color'>&nbsp;$digyear&nbsp;";</td>\n";
    }
    elseif (eregi("int|numeric|float", $field_type)) {
        echo "<td align=right valign=top bgcolor='$color'>&nbsp;"; $row[$i_field] . "&nbsp;";</td>\n";
    } elseif ($cfgShowBlob == false && eregi("BLOB", $field_type)) {
        echo "<td align=right valign=top bgcolor='$color'>&nbsp;[BLOB]&nbsp;";</td>\n";
    } elseif (eregi("text|char", $field_type)) { // If the text is longer than $cfgMaxText characters,
let's cut it short
        if (strlen($row[$i_field]) > $cfgMaxText && !empty($cfgMaxText)) {
            $strLgText = nl2br(htmlspecialchars(substr($row[$i_field], 0, $cfgMaxText))) . "
<br><b>... $strMore ...</b>";
        } else {
            $strLgText = nl2br(htmlspecialchars($row[$i_field]));
        }
        echo "<td valign=top bgcolor='$color'>&nbsp;$strLgText</td>\n";
    } elseif ($field_type == "bool") {
        echo "<td valign=top>&nbsp;"; bool_YesNo($row[$i_field]), "&nbsp;";</td>\n";
    }

```

```

        } else {
            echo "<td valign=top>&nbsp;"; nl2br(htmlspecialchars($row[$i_field])), "&nbsp;";</td>\n";
        }
    }
    echo "</table>\n";
}

?>
<br><u>ข้อมูลแหล่งน้ำที่ก่อสร้างขึ้น โครงการสูบน้ำด้วยไฟฟ้า</u>
<?
    $sql = "select prj_name,tmb_name, amp_name,
prv_name,agency_id,wsr_code,st_create,end_create,n_pump,supply_sys,qlty_stat,qlty_taste,qlty_other,wrs_stat,na_code,n_fmly_csm,n
_rai_rain,n_rai_dry,n_fmly_ind,n_fmly_fsh
    from pump inner join tmbinfo on pump.tmb_id = tmbinfo.tmb_id
    inner join ampinfo on substring(tmbinfo.tmb_id from 0 for 5) = ampinfo.ampinfo_id
    inner join prvinfo on substring(tmbinfo.tmb_id from 0 for 3) = prvinfo.prvinfo_id
    $ext order by prv_name,amp_name,tmb_name,prj_name";

    $rs = pg_Exec($conn, $sql) or die("couldn't execute query");$num_rows = @pg_numrows($rs);

    if (!isset($pos)) $pos = 0;
    $pos_next = $pos + $cfgMaxRows; $pos_prev = $pos - $cfgMaxRows; $iNumRows = $num_rows;
    if ($num_rows < $pos_next) { $pos_next = $num_rows; }

    if ($num_rows <= 0) { echo "<center><br><font color=red><h5>ไม่มีข้อมูล</h5></font></center>"; }
    else { display_nav(urlencode($sql),$rs,"nwrc_all.php","&prvinfo_id=" . urlencode($prvinfo_id) . "&ampinfo_id=" .
urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id),$num_rows);
?>
<table border='1' cellpadding=0 width='100%'>
    <tr >
        <td align=center class=header1>ลำดับ</td>
        <td align=center bgcolor='#FF9999' class=header1>ชื่อโครงการ</td>
        <td align=center bgcolor='#FF9999' class=header1>ตำแหน่ง</td>
        <td align=center bgcolor='#9999FF' class=header1>หน่วยงาน<br>ที่รับ<br>คิดขอบ</td>
        <td align=center bgcolor='#9999FF' class=header1>แหล่งน้ำ<br>ของ<br>โครงการสูบน้ำ<br>ด้วยไฟฟ้า</td>
        <td align=center bgcolor='#9999FF' class=header1>ระยะเวลา<br>เริ่มต้น<br>ก่อสร้าง พ.ศ.)</td>
        <td align=center bgcolor='#9999FF' class=header1>ระยะเวลา<br>ก่อสร้าง<br>เสร็จ (พ.ศ.)</td>
        <td align=center bgcolor='#9999FF' class=header1>จำนวน<br>เครื่องสูบน้ำ<br>(เครื่อง)</td>

```

```

<td align=center bgcolor='#FF9944' class=header1>ระบบส่งน้ำ</td>
<td align=center bgcolor='#FF9944' class=header1>สภาพ</td>
<td align=center bgcolor='#FF9944' class=header1>สถิติ</td>
<td align=center bgcolor='#FF9944' class=header1>อื่นๆ</td>
<td align=center bgcolor='#FF9944' class=header1>สภาพปัจจุบัน</td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>อุปโภค-บริโภค<br>(ครัวเรือน)</td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การเพาะปลูกใน<br>ฤดูฝน (ไร่)</td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การเพาะปลูกใน<br>ฤดูแล้ง (ไร่)</td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>อุตสาหกรรม<br>ในครัวเรือน<br>(ครัวเรือน) <br></td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การประมง<br>เลี้ยงสัตว์<br>(ครัวเรือน) <br></td>
</tr>
<?
    for ($i_row = $pos; $i_row < $pos_next; $i_row++) { // show data
        $row = pg_fetch_row($rs, $i_row); unset($primary_key);
        $bgcolor = $cfgBgcolorOne;
        $i_row % 2 ? 0: $bgcolor = $cfgBgcolorTwo;
        echo "<tr bgcolor=$bgcolor>"; $aa = $i_row+1;
        echo "<td align=right valign=top>&nbsp;  "; . $aa . "&nbsp;  </td>\n";
        for ($i_field = 0; $i_field < pg_numfields($rs); $i_field++) {
            //echo "<td align=right valign=top bgcolor='$color'>&nbsp;  $row[$i_field]&nbsp;  </td>\n";
            if (!isset($row[$i_field])) unset($row[$i_field]);
            $field_type = pg_fieldtype($rs, $i_field);
            $field_name = pg_fieldname($rs, $i_field);
            if ($i_field <= 2) $color="#FFAAAA"; //pink
            elseif ($i_field == 2 || $i_field <=8 )$color="#AAAAFF"; //purple
            elseif ($i_field <= 9 || $i_field <=13 )$color="#FFAA55"; // orange
            elseif ($i_field > 13 )$color="#55AAFF"; //blue
            else $color="";
            if ($field_name == "agency_id") {
                echo "<td align=left valign=top bgcolor='$color'>&nbsp;  ".
$agency[$row[$i_field]]."&nbsp;  </td>\n";
            }
            elseif ($field_name == "wsrc_code") {
                echo "<td align=left valign=top bgcolor='$color'>&nbsp;  ".
$wsrc[$row[$i_field]]."&nbsp;  </td>\n";
            }
            elseif ($field_name == "supply_sys") {
                echo "<td align=left valign=top bgcolor='$color'>&nbsp;  ".
$supply[$row[$i_field]]."&nbsp;  </td>\n";
            }
        }
    }
}

```

```

    }

    elseif ($field_name == "qlty_stat") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;".
$stat[$row[$i_field]]."&nbsp;</td>\n";
    }
    elseif ($field_name == "qlty_taste") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;".
$taste[$row[$i_field]]."&nbsp;</td>\n";
    }
    elseif ($field_name == "qlty_other") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;".
$other[$row[$i_field]]."&nbsp;</td>\n";
    }
    elseif ($field_name == "wrs_stat" || $field_name == "na_code") {
        if ($field_name == "wrs_stat") echo "<td align=left valign=top bgcolor='$color'>&nbsp;".
$status[$row[$i_field]]. " " . $pump_na[$row[14]] . " &nbsp;</td>\n";
    }
    elseif ($i_field == 0 ) {
        echo "<td valign=top bgcolor='$color'>$row[$i_field]&nbsp;</td>\n";
    }
    elseif ($i_field <= 1 || $i_field <= 3) {
        if ($i_field == 1) echo "<td valign=top bgcolor='$color'>". " ค." . $row[1] . " อ." . $row[2] .
" จ." . $row[3] . "</td>\n";
    }
    elseif (eregi("int|numeric|float", $field_type)) {
        echo "<td align=right valign=top bgcolor='$color'>&nbsp;". $row[$i_field] . " &nbsp;</td>\n";
    } elseif ($cfgShowBlob == false && eregi("BLOB", $field_type)) {
        echo "<td align=right valign=top bgcolor='$color'>&nbsp;[BLOB]&nbsp;</td>\n";
    } elseif (eregi("text|char", $field_type)) { // If the text is longer than $cfgMaxText characters,
let's cut it short
        if (strlen($row[$i_field]) > $cfgMaxText && !empty($cfgMaxText)) {
            $strLgText = nl2br(htmlspecialchars(substr($row[$i_field], 0, $cfgMaxText))) . "
<br><b>... $strMore ...</b>";
        } else {
            $strLgText = nl2br(htmlspecialchars($row[$i_field]));
        }
        echo "<td valign=top bgcolor='$color'>&nbsp;$strLgText</td>\n";
    } elseif ($field_type == "bool") {
        echo "<td valign=top>&nbsp;". bool_YesNo($row[$i_field]), " &nbsp;</td>\n";
    }
}

```

```

        } else {
            echo "<td valign=top>&nbsp;"; nl2br(htmlspecialchars($row[$i_field])), "&nbsp;";</td>\n";
        }
    }
    echo "</table>\n";
}

?>
<br><u>ข้อมูลแหล่งน้ำที่ก่อสร้างขึ้น เชื้อทนน้ำ/ประจวบคีรีขันธ์</u>
<?
    $sql = "select prj_name,tmb_name, amp_name,
prv_name,agency_id,wsrc_code,st_create,end_create,width,height,supply_sys,qlty_stat,qlty_taste,qlty_other,wrs_stat,na_code,n_fmly
_csm,n_rai_rain,n_rai_dry,n_fmly_ind,n_fmly_fsh
    from dwgate inner join tmbinfo on dwgate.tmb_id = tmbinfo.tmb_id
    inner join ampinfo on substring(tmbinfo.tmb_id from 0 for 5) = ampinfo.ampinfo_id
    inner join prvinfo on substring(tmbinfo.tmb_id from 0 for 3) = prvinfo.prvinfo_id
    $ext order by prv_name,amp_name,tmb_name,prj_name";

    $rs = pg_Exec($conn, $sql) or die("couldn't execute query"); $num_rows = @pg_numrows($rs);

    if (!isset($pos)) $pos = 0;
    $pos_next = $pos + $cfgMaxRows; $pos_prev = $pos - $cfgMaxRows; $iNumRows = $num_rows;
    if ($num_rows < $pos_next) { $pos_next = $num_rows; }

    if ($num_rows <= 0) { echo "<center><br><font color=red><h5>ไม่มีข้อมูล</h5></font></center>"; }
    else { display_nav(urlencode($sql),$rs,"nwrc_all.php","&prvinfo_id=" . urlencode($prvinfo_id) . "&ampinfo_id=" .
urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id),$num_rows);
    ?>
<table border='1' cellpadding=0 width='100%'>
<tr >
<td align=center class=header1>ลำดับ</td>
<td align=center bgcolor='#FF9999' class=header1>ชื่อโครงการ</td>
<td align=center bgcolor='#FF9999' class=header1>ตำแหน่ง</td>
<td align=center bgcolor='#9999FF' class=header1>หน่วยงาน<br>ที่รับ<br>คิดขอบ</td>
<td align=center bgcolor='#9999FF' class=header1>แหล่งน้ำ<br>ของ<br>โครงการสูบน้ำ<br>ด้วยไฟฟ้า</td>
<td align=center bgcolor='#9999FF' class=header1>ระยะเวลา<br>เริ่มต้น<br>ก่อสร้าง พ.ศ.)</td>
<td align=center bgcolor='#9999FF' class=header1>ระยะเวลา<br>ก่อสร้าง<br>เสร็จ (พ.ศ.)</td>
<td align=center bgcolor='#9999FF' class=header1>ก๊ว (ม.)</td>

```

```

        <td align=center bgcolor='#9999FF' class=header1>สูง (ม.)</td>
<td align=center bgcolor='#FF9944' class=header1>ระบบส่งน้ำ</td>
        <td align=center bgcolor='#FF9944' class=header1>สภาพ</td>
<td align=center bgcolor='#FF9944' class=header1>สถิติ</td>
<td align=center bgcolor='#FF9944' class=header1>อื่นๆ</td>
        <td align=center bgcolor='#FF9944' class=header1>สภาพปัจจุบัน</td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>ดูปโลก-บริโก<br>(ครัวเรือน) </td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การเพาะปลูกใน<br>ฤดูฝน (ไร่) </td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การเพาะปลูกใน<br>ฤดูแล้ง (ไร่) </td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>อุตสาหกรรม<br>ในครัวเรือน<br>(ครัวเรือน) <br></td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การประมง<br>เลี้ยงสัตว์<br>(ครัวเรือน) <br></td>
</tr>
<?
        for ($i_row = $pos; $i_row < $pos_next; $i_row++) { // show data
            $row = pg_fetch_row($rs, $i_row); unset($primary_key);
            $bgcolor = $cfgBgcolorOne;
            $i_row % 2 ? 0: $bgcolor = $cfgBgcolorTwo;
            echo "<tr bgcolor=$bgcolor>"; $aa = $i_row+1;
            echo "<td align=right valign=top>&nbsp;&nbsp;&nbsp;"; $aa . " &nbsp;&nbsp;&nbsp;</td>\n";
            for ($i_field = 0; $i_field < pg_numfields($rs); $i_field++) {
                //echo "<td align=right valign=top bgcolor='$color'>&nbsp;&nbsp;&nbsp;$row[$i_field]&nbsp;&nbsp;&nbsp;</td>\n";
                if (!isset($row[$i_field])) unset($row[$i_field]);
                $field_type = pg_fieldtype($rs, $i_field);
                $field_name = pg_fieldname($rs, $i_field);
                if ($i_field <= 2) $color="#FFAAAA"; //pink
                elseif ($i_field == 2 || $i_field <=9) $color="#AAAAFF"; //purple
                elseif ($i_field <= 10 || $i_field <=14) $color="#FFAA55"; // orange
                elseif ($i_field > 14) $color="#55AAFF"; //blue
                else $color="";
                if ($field_name == "agency_id") {
                    echo "<td align=left valign=top bgcolor='$color'>&nbsp;&nbsp;&nbsp;".
$agency[$row[$i_field]]."&nbsp;&nbsp;&nbsp;</td>\n";
                }
                elseif ($field_name == "wsrc_code") {
                    echo "<td align=left valign=top bgcolor='$color'>&nbsp;&nbsp;&nbsp;".
$wsrc[$row[$i_field]]."&nbsp;&nbsp;&nbsp;</td>\n";
                }
                elseif ($field_name == "supply_sys") {

```

```

        echo "<td align=left valign=top bgcolor='$color'>&nbsp;";
$supply[$row[$i_field]].&nbsp;</td>\n";
    }

    elseif ($field_name == "qlty_stat") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;";
$stat[$row[$i_field]].&nbsp;</td>\n";
    }
    elseif($field_name == "qlty_taste") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;";
$taste[$row[$i_field]].&nbsp;</td>\n";
    }
    elseif($field_name == "qlty_other") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;";
$other[$row[$i_field]].&nbsp;</td>\n";
    }
    elseif ($field_name == "wrs_stat" || $field_name == "na_code") {
        if ($field_name == "wrs_stat") echo "<td align=left valign=top bgcolor='$color'>&nbsp;";
$status[$row[$i_field]]. " " . $dwgate_na[$row[15]] . " &nbsp;</td>\n";
    }
    elseif ($i_field == 0 ) {
        echo "<td valign=top bgcolor='$color'>$row[$i_field]&nbsp;</td>\n";
    }
    elseif ($i_field <= 1 || $i_field <= 3) {
        if ($i_field == 1) echo "<td valign=top bgcolor='$color'>". " ค." . $row[1] . " อ." . $row[2] .
" จ." . $row[3] . "</td>\n";
    }
    elseif (eregi("int|numeric|float", $field_type)) {
        echo "<td align=right valign=top bgcolor='$color'>&nbsp;";
number_format($row[$i_field],0,".",",") . "&nbsp;</td>\n";
    } elseif ($cfgShowBlob == false && eregi("BLOB", $field_type)) {
        echo "<td align=right valign=top bgcolor='$color'>&nbsp;[BLOB]&nbsp;</td>\n";
    } elseif (eregi("text|char", $field_type)) { // If the text is longer than $cfgMaxText characters,
let's cut it short
        if (strlen($row[$i_field]) > $cfgMaxText && !empty($cfgMaxText)) {
            $strLgText = nl2br(htmlspecialchars(substr($row[$i_field], 0, $cfgMaxText))) . "
<br><b>... $strMore ...</b>";
        } else {
            $strLgText = nl2br(htmlspecialchars($row[$i_field]));
        }
    }

```

```

        echo "<td valign=top bgcolor='$color'>&nbsp;$strLgText</td>\n";
    } elseif ($field_type == "bool") {
        echo "<td valign=top>&nbsp;$bool_YesNo($row[$i_field]), "&nbsp;</td>\n";
    } else {
        echo "<td valign=top>&nbsp;$nl2br(htmlspecialchars($row[$i_field])), "&nbsp;</td>\n";
    }
}
}
echo "</table>\n";
}
?>
<br><u>ข้อมูลแหล่งน้ำที่ก่อสร้างขึ้นสระเก็บน้ำ/สระเก็บน้ำในไร่นา</u>
<?
    $sql = "select pond_name,tmb_name, amp_name,
prv_name,agency_id,yr_create,width,height,pond_vol,qlty_stat,qlty_taste,qlty_other,pond_stat,na_code,n_fmly_csm,n_rai_rain,n_rai_
dry,n_fmly_ind,n_fmly_fsh,n_rai_dig,dig_year,dig_code
        from pond inner join tmbinfo on pond.tmb_id = tmbinfo.tmb_id
        inner join ampinfo on substring(tmbinfo.tmb_id from 0 for 5) = ampinfo.ampinfo_id
        inner join prvinf on substring(tmbinfo.tmb_id from 0 for 3) = prvinf.prvinf_id
        $ext order by prv_name,amp_name,tmb_name,pond_name";

    $rs = pg_Exec($conn, $sql) or die("couldn't execute query");$num_rows = @pg_numrows($rs);

    if (!isset($pos)) $pos = 0;
    $pos_next = $pos + $cfgMaxRows; $pos_prev = $pos - $cfgMaxRows; $iNumRows = $num_rows;
    if ($num_rows < $pos_next) { $pos_next = $num_rows; }

    if ($num_rows <= 0) { echo "<center><br><font color=red><h5>ไม่มีข้อมูล</h5></font></center>"; }
    else { display_nav(urlencode($sql),$rs,"nwrc_all.php","&prvinf_id=" . urlencode($prvinf_id) . "&ampinfo_id=" .
urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id),$num_rows);
    ?>
<table border='1' cellspacing=0 width='100%'>
    <tr >
        <td align=center class=header1>ลำดับ</td>
        <td align=center bgcolor='#FF9999' class=header1>ชื่อโครงการ</td>
        <td align=center bgcolor='#FF9999' class=header1>ตำแหน่ง</td>
        <td align=center bgcolor='#9999FF' class=header1>หน่วยงาน<br>ที่รับ<br>ผิดชอบ</td>
        <td align=center bgcolor='#9999FF' class=header1>ปีที่<br>ก่อสร้าง<br>(พ.ศ.)</td>
        <td align=center bgcolor='#9999FF' class=header1>กัณ (ม.)</td>

```

```

        <td align=center bgcolor='#9999FF' class=header1>สูง (ม.)</td>
<td align=center bgcolor='#9999FF' class=header1>ความจุ<br>(ลบ.ม.)</td>
        <td align=center bgcolor='#FF9944' class=header1>สภาพ</td>
<td align=center bgcolor='#FF9944' class=header1>รหัส</td>
<td align=center bgcolor='#FF9944' class=header1>อื่นๆ</td>
        <td align=center bgcolor='#FF9944' class=header1>สภาพปัจจุบัน</td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>อุปโภค-บริโภค<br>(ครัวเรือน) </td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การเพาะปลูกใน<br>ฤดูฝน (ไร่)</td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การเพาะปลูกใน<br>ฤดูแล้ง (ไร่)</td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>อุตสาหกรรม<br>ในครัวเรือน<br>(ครัวเรือน)<br></td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การประมง<br>เลี้ยงสัตว์<br>(ครัวเรือน)<br></td>
<td align=center bgcolor='#4499FF' class=header1>ขุดลอกแล้ว(ไร่)</td>
<td align=center bgcolor='#4499FF' class=header1>ปีที่ขุดลอก</td>
<td align=center bgcolor='#4499FF' class=header1>ยังไม่ได้ขุดลอก</td>
    </tr>
<?
    for ($i_row = $pos; $i_row < $pos_next; $i_row++) { // show data
        $row = pg_fetch_row($rs, $i_row); unset($primary_key);
        $bgcolor = $cfgBgcolorOne;
        $i_row % 2 ? 0: $bgcolor = $cfgBgcolorTwo;
        echo "<tr bgcolor=$bgcolor>"; $aa = $i_row+1;
        echo "<td align=right valign=top>&nbsp;"; $aa . "&nbsp;";</td>\n";
        for ($i_field = 0; $i_field < pg_numfields($rs); $i_field++) {
            //echo "<td align=right valign=top bgcolor='$color'>&nbsp;";</td>\n";
            if (!isset($row[$i_field])) unset($row[$i_field]);
            $field_type = pg_fieldtype($rs, $i_field);
            $field_name = pg_fieldname($rs, $i_field);
            if ($i_field <=2) $color="#FFAAAA"; //pink
            elseif ($i_field == 2 || $i_field <=8 )$color="#AAAAFF"; //purple
            elseif ($i_field <= 9 || $i_field <=13 )$color="#FFAA55"; // orange
            elseif ($i_field > 13 )$color="#55AAFF"; //blue
            else $color="";
            if ($field_name == "agency_id") { $agen = "";
                $a = split(",",$row[$i_field]); for ($v=0;$v<count($a);$v++) {
                    if (trim($a[$v])!= "") $agen .= $pond_agen[trim($a[$v])] . ", "; }
                $agen = substr(trim($agen),0,strlen($agen)-2);
                echo "<td align=left valign=top bgcolor='$color'>". $agen . "&nbsp;";</td>\n";
            }
        }
    }
}

```

```

elseif ($field_name == "qlty_stat") {
    echo "<td align=left valign=top bgcolor='$color'>". $stat[$row[$i_field]]."&nbsp;</td>\n";
}
elseif($field_name == "qlty_taste") {
    echo "<td align=left valign=top bgcolor='$color'>". $taste[$row[$i_field]]."&nbsp;</td>\n";
}
elseif($field_name == "qlty_other") {
    echo "<td align=left valign=top bgcolor='$color'>". $other[$row[$i_field]]."&nbsp;</td>\n";
}
elseif ($field_name == "pond_stat" || $field_name == "na_code") {
    if ($field_name == "pond_stat") echo "<td align=left valign=top bgcolor='$color'>&nbsp;</td>\n";
}
$status[$row[$i_field]]. " " . $pond_na[$row[15]] . "&nbsp;</td>\n";
}
elseif ($i_field == 0 ) {
    echo "<td valign=top bgcolor='$color'>$row[$i_field]&nbsp;</td>\n";
}
elseif ($i_field <= 1 || $i_field <= 3) {
    if ($i_field == 1) echo "<td valign=top bgcolor='$color'>". " ค." . $row[1] . " อ." . $row[2] .
" จ." . $row[3] . "</td>\n";
}
elseif($field_name == "dig_code") {
    echo "<td align=left valign=top bgcolor='$color'>&nbsp;</td>\n";
}
elseif($field_name == "dig_year") {
    $digyear = ($row[$i_field] == 0 ? "" : $row[$i_field]) ;
    echo "<td align=right valign=top bgcolor='$color'>&nbsp;</td>\n";
}
elseif (ereg("int|numeric|float", $field_type)) {
    echo "<td align=right valign=top bgcolor='$color'>&nbsp;</td>\n";
} elseif ($cfgShowBlob == false && ereg("BLOB", $field_type)) {
    echo "<td align=right valign=top bgcolor='$color'>&nbsp;</td>\n";
} elseif (ereg("text|char", $field_type)) { // If the text is longer than $cfgMaxText characters,
let's cut it short
    if (strlen($row[$i_field]) > $cfgMaxText && !empty($cfgMaxText)) {
        $strLgText = nl2br(htmlspecialchars(substr($row[$i_field], 0, $cfgMaxText))) . "
<br><b>... $strMore ...</b>";
    } else {
        $strLgText = nl2br(htmlspecialchars($row[$i_field]));
    }
    echo "<td valign=top bgcolor='$color'>$strLgText&nbsp;</td>\n";
}

```

```

        } elseif ($field_type == "bool") {
            echo "<td valign=top>&nbsp;", bool_YesNo($row[$i_field]), "&nbsp;</td>\n";
        } else {
            echo "<td valign=top>&nbsp;", nl2br(htmlspecialchars($row[$i_field])), "&nbsp;</td>\n";
        }
    }
}
echo "</table>\n";
}
?>
<br><u>ข้อมูลแหล่งน้ำที่ก่อสร้างขึ้น บ่อบาดาล (บ่อมือโยก, ช่องสูบน้ำไม่ใช้ประปาหมู่บ้าน)</u>
<?
    $sql = "select dwell_name,tmb_name, amp_name,
prv_name,agency_id,yr_create,qlty_stat,qlty_taste,qlty_other,dwell_type,dwell_stat,na_code,n_fmly_csm,n_rai_rain,n_rai_dry,n_fmly
_ind,n_fmly_fsh
        from dwell inner join tmbinfo on dwell.tmb_id = tmbinfo.tmb_id
        inner join ampinfo on substring(tmbinfo.tmb_id from 0 for 5) = ampinfo.ampinfo_id
        inner join prvinfo on substring(tmbinfo.tmb_id from 0 for 3) = prvinfo.prvinfo_id
        $ext order by prv_name,amp_name,tmb_name,dwell_name";

    $rs = pg_Exec($conn, $sql) or die("couldn't execute query"); $num_rows = @pg_numrows($rs);

    if (!isset($pos)) $pos = 0;
    $pos_next = $pos + $cfgMaxRows; $pos_prev = $pos - $cfgMaxRows; $iNumRows = $num_rows;
    if ($num_rows < $pos_next) { $pos_next = $num_rows; }

    if ($num_rows <= 0) { echo "<center><br><font color=red><h5>ไม่มีข้อมูล</h5></font></center>"; }
    else { display_nav(urlencode($sql),$rs,"nwrc_all.php","&prvinfo_id=" . urlencode($prvinfo_id) . "&ampinfo_id=" .
urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id),$num_rows);
    ?>
<table border='1' cellspacing=0 width='100%'>
<tr >
<td align=center class=header1>ลำดับ</td>
<td align=center bgcolor='#FF9999' class=header1>รหัส/ชื่อบ่อบาดาล</td>
<td align=center bgcolor='#FF9999' class=header1>ตำแหน่ง</td>
<td align=center bgcolor='#9999FF' class=header1>หน่วยงาน<br>ที่รับ<br>ผิดชอบ</td>
<td align=center bgcolor='#9999FF' class=header1>ปีที่เจาะแล้วเสร็จ</td>
<td align=center bgcolor='#FF9944' class=header1>สภาพ</td>

```

```

<td align=center bgcolor='#FF9944' class=header1>รหัส</td>
<td align=center bgcolor='#FF9944' class=header1>อื่นๆ</td>
  <td align=center bgcolor='#FF9944' class=header1>ชนิดของบ่อ</td>
  <td align=center bgcolor='#FF9944' class=header1>สภาพปัจจุบัน</td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>อุปโภค-บริโภค<br>(ครัวเรือน) </td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การเพาะปลูกใน<br>ฤดูฝน (ไร่) </td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การเพาะปลูกใน<br>ฤดูแล้ง (ไร่) </td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>อุตสาหกรรม<br>ในครัวเรือน<br>(ครัวเรือน) <br></td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การประมง<br>เลี้ยงสัตว์<br>(ครัวเรือน) <br></td>
</tr>
<?
  for ($i_row = $pos; $i_row < $pos_next; $i_row++){ // show data
    $row = pg_fetch_row($rs, $i_row); unset($primary_key);
    $bgcolor = $cfgBgcolorOne;
    $i_row %2 ? 0:$bgcolor = $cfgBgcolorTwo;
    echo "<tr bgcolor=$bgcolor>"; $aa = $i_row+1;
    echo "<td align=right valign=top>&nbsp;"; $aa . " &nbsp;";</td>\n";
    for ($i_field = 0; $i_field < pg_numfields($rs); $i_field++) {
      //echo "<td align=right valign=top bgcolor='$color'>&nbsp;";<br>$row[$i_field]&nbsp;";</td>\n";
      if (!isset($row[$i_field])) unset($row[$i_field]);
      $field_type = pg_fieldtype($rs, $i_field);
      $field_name = pg_fieldname($rs, $i_field);
      if ($i_field <= 2) $color="#FFAAAA"; //pink
      elseif ($i_field == 2 || $i_field <=5) $color="#AAAAFF"; //purple
      elseif ($i_field <= 6 || $i_field <=10) $color="#FFAA55"; // orange
      elseif ($i_field > 10) $color="#55AAFF"; //blue
      else $color="";
      if ($field_name == "agency_id") {$agen = "";
        $a = split(",",$row[$i_field]); for ($v=0;$v<count($a);$v++) { $agen .=
$dwel_agen[trim($a[$v])] . ", "; }
        $agen = substr(trim($agen),0,strlen($agen)-2);
        echo "<td align=left valign=top bgcolor='$color'>". $agen . "&nbsp;";</td>\n";
      }
      elseif ($field_name == "wsrc_code") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;";
$wsr[$row[$i_field]] . "&nbsp;";</td>\n";
      }
      elseif ($field_name == "supply_sys") {

```

```

        echo "<td align=left valign=top bgcolor='$color'>&nbsp;".
$supply[$row[$i_field]]."&nbsp;</td>\n";
    }

    elseif ($field_name == "qlty_stat") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;".
$stat[$row[$i_field]]."&nbsp;</td>\n";
    }
    elseif($field_name == "qlty_taste") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;".
$taste[$row[$i_field]]."&nbsp;</td>\n";
    }
    elseif($field_name == "qlty_other") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;".
$other[$row[$i_field]]."&nbsp;</td>\n";
    }
    elseif($field_name == "dwell_type") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;".
$dwell_type[$row[$i_field]]."&nbsp;</td>\n";
    }
    elseif ($field_name == "dwell_stat" || $field_name == "na_code") {
        if ($field_name == "dwell_stat") { $dsta = ""; $a = split(",",$row[$i_field]);
            for ($v=0;$v<count($a);$v++) { if (trim($a[$v]) != "") $dsta .= $status[trim($a[$v])] .
", "; }

            $dsta = substr(trim($dsta),0,strlen(trim($dsta))-1);
            echo "<td align=left valign=top bgcolor='$color'>". $dsta . " " . $dwell_na[$row[11]] .
"&nbsp;</td>\n";
        }
    }
    elseif ($i_field == 0 ) {
        echo "<td valign=top bgcolor='$color'>$row[$i_field]&nbsp;</td>\n";
    }
    elseif ($i_field <= 1 || $i_field <= 3) {
        if ($i_field == 1) echo "<td valign=top bgcolor='$color'>". " ค." . $row[1] . " อ." . $row[2] .
" จ." . $row[3] . "</td>\n";
    }
    elseif (eregi("int|numeric|float", $field_type)) {
        echo "<td align=right valign=top bgcolor='$color'>&nbsp;". $row[$i_field] . "&nbsp;</td>\n";
    }
    elseif ($cfgShowBlob == false && eregi("BLOB", $field_type)) {
        echo "<td align=right valign=top bgcolor='$color'>&nbsp;[BLOB]&nbsp;</td>\n";
    }

```

```

        } elseif (eregi("text|char", $field_type)) { // If the text is longer than $cfgMaxText characters,
let's cut it short
        if (strlen($row[$i_field]) > $cfgMaxText && !empty($cfgMaxText)) {
            $strLgText = nl2br(htmlspecialchars(substr($row[$i_field], 0, $cfgMaxText))) . "
<br><b>... $strMore ...</b>";
        } else {
            $strLgText = nl2br(htmlspecialchars($row[$i_field]));
        }
        echo "<td valign=top bgcolor='$color'>&nbsp;$strLgText</td>\n";
    } elseif ($field_type == "bool") {
        echo "<td valign=top>&nbsp;$bool_YesNo($row[$i_field]), "&nbsp;</td>\n";
    } else {
        echo "<td valign=top>&nbsp;$nl2br(htmlspecialchars($row[$i_field])), "&nbsp;</td>\n";
    }
}
}
echo "</table>\n";
}
?>
<br><u>ข้อมูลแหล่งน้ำที่ก่อสร้างขึ้น บ่อน้ำดิน</u>
<?
    $sql = "select swell_name,tmb_name, amp_name,
prv_name,agency_id,yr_create,qlty_stat,qlty_taste,qlty_other,swell_type,swell_stat,na_code,n_fmly_csm,n_rai_rain,n_rai_dry,n_fmly
_ind,n_fmly_fsh
        from swell inner join tmbinfo on swell.tmb_id = tmbinfo.tmb_id
        inner join ampinfo on substring(tmbinfo.tmb_id from 0 for 5) = ampinfo.ampinfo_id
        inner join prvinfo on substring(tmbinfo.tmb_id from 0 for 3) = prvinfo.prvinfo_id
        $ext order by prv_name,amp_name,tmb_name,swell_name";

    $rs = pg_Exec($conn, $sql) or die("couldn't execute query"); $num_rows = @pg_numrows($rs);

    if (!isset($pos)) $pos = 0;
    $pos_next = $pos + $cfgMaxRows; $pos_prev = $pos - $cfgMaxRows; $iNumRows = $num_rows;
    if ($num_rows < $pos_next) { $pos_next = $num_rows; }

    if ($num_rows <= 0) { echo "<center><br><font color=red><h5>ไม่มีข้อมูล</h5></font></center>"; }
    else { display_nav(urlencode($sql),$rs,"nwrc_all.php","&prvinfo_id=" . urlencode($prvinfo_id) . "&ampinfo_id=" .
urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id),$num_rows);
    ?>
<table border='1' cellspacing=0 width='100%'>

```

```

<tr >
  <td align=center class=header1>ลำดับ</td>
  <td align=center bgcolor='#FF9999' class=header1>รหัส/ชื่อบุคลากร</td>
  <td align=center bgcolor='#FF9999' class=header1>ตำแหน่ง</td>
  <td align=center bgcolor='#9999FF' class=header1>หน่วยงาน<br>ที่รับ<br>ผิดชอบ</td>
  <td align=center bgcolor='#9999FF' class=header1>ปีที่เจาะแล้วเสร็จ</td>
  <td align=center bgcolor='#FF9944' class=header1>สภาพ</td>
  <td align=center bgcolor='#FF9944' class=header1>รศห</td>
  <td align=center bgcolor='#FF9944' class=header1>อื่นๆ</td>
  <td align=center bgcolor='#FF9944' class=header1>ชนิดของบ่อ</td>
  <td align=center bgcolor='#FF9944' class=header1>สภาพปัจจุบัน</td>
  <td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>อุปโภค-บริโภค<br>(ครัวเรือน)</td>
  <td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การเพาะปลูกใน<br>ฤดูฝน (ไร่)</td>
  <td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การเพาะปลูกใน<br>ฤดูแล้ง (ไร่)</td>
  <td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>อุตสาหกรรม<br>ในครัวเรือน<br>(ครัวเรือน) <br></td>
  <td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การประมง<br>เลี้ยงสัตว์<br>(ครัวเรือน) <br></td>
</tr>
<?
  for ($i_row = $pos; $i_row < $pos_next; $i_row++) { // show data
    $row = pg_fetch_row($rs, $i_row); unset($primary_key);
    $bgcolor = $cfgBgcolorOne;
    $i_row % 2 ? 0: $bgcolor = $cfgBgcolorTwo;
    echo "<tr bgcolor=$bgcolor>"; $aa = $i_row+1;
    echo "<td align=right valign=top>&nbsp;"; $aa . " &nbsp;";</td>\n";
    for ($i_field = 0; $i_field < pg_numfields($rs); $i_field++) {
      //echo "<td align=right valign=top bgcolor='$color'>&nbsp;$row[$i_field]&nbsp;</td>\n";
      if (!isset($row[$i_field])) unset($row[$i_field]);
      $field_type = pg_fieldtype($rs, $i_field);
      $field_name = pg_fieldname($rs, $i_field);
      if ($i_field <= 2) $color="#FFAAAA"; //pink
      elseif ($i_field == 2 || $i_field <=5) $color="#AAAAFF"; //purple
      elseif ($i_field <= 6 || $i_field <=10) $color="#FFAA55"; // orange
      elseif ($i_field > 10) $color="#55AAFF"; //blue
      else $color="";
      if ($field_name == "agency_id") {$agen = "";
        $a = split("",$row[$i_field]); for ($v=0;$v<count($a);$v++) { $agen .=
$dwel_agen[trim($a[$v])] . ", "; }
        $agen = substr(trim($agen),0,strlen($agen)-2);

```

```

        echo "<td align=left valign=top bgcolor='$color'>". $agen ."&nbsp;</td>\n";
    }
    elseif ($field_name == "qlty_stat") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;</td>\n";
    }
    elseif ($field_name == "qlty_taste") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;</td>\n";
    }
    elseif ($field_name == "qlty_other") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;</td>\n";
    }
    elseif ($field_name == "swell_type") {
        $swell_t = "";
        $a = split(",", $row[$i_field]); for ($v=0; $v<count($a); $v++) { $swell_t .=
$swell_type[trim($a[$v])] . ", "; }
        $swell_t = substr(trim($swell_t), 0, strlen(trim($swell_t))-2);
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;". $swell_t ."&nbsp;</td>\n";
    }
    elseif ($field_name == "swell_stat" || $field_name == "na_code") {
        if ($field_name == "swell_stat") { $dsta = ""; $a = split(",", $row[$i_field]);
            for ($v=0; $v<count($a); $v++) { if (trim($a[$v]) != "") $dsta .= $status[trim($a[$v])] .
", "; }
            $dsta = substr(trim($dsta), 0, strlen(trim($dsta))-1);
            echo "<td align=left valign=top bgcolor='$color'>". $dsta . " " . $dwell_na[$row[11]] .
"&nbsp;</td>\n";
        }
    }
    elseif ($i_field == 0 ) {
        echo "<td valign=top bgcolor='$color'>$row[$i_field]&nbsp;</td>\n";
    }
    elseif ($i_field <= 1 || $i_field <= 3) {
        if ($i_field == 1) echo "<td valign=top bgcolor='$color'>". " ค." . $row[1] . " อ." . $row[2] .
" จ." . $row[3] . "</td>\n";
    }
    elseif (eregi("int|numeric|float", $field_type)) {
        echo "<td align=right valign=top bgcolor='$color'>&nbsp;". $row[$i_field] . "&nbsp;</td>\n";
    }
    elseif ($cfgShowBlob == false && eregi("BLOB", $field_type)) {
        echo "<td align=right valign=top bgcolor='$color'>&nbsp;[BLOB]&nbsp;</td>\n";
    }

```

```

        } elseif (eregi("text|char", $field_type)) { // If the text is longer than $cfgMaxText characters,
let's cut it short
            if (strlen($row[$i_field]) > $cfgMaxText && !empty($cfgMaxText)) {
                $strLgText = nl2br(htmlspecialchars(substr($row[$i_field], 0, $cfgMaxText))) . "
<br><b>... $strMore ...</b>";
            } else {
                $strLgText = nl2br(htmlspecialchars($row[$i_field]));
            }
            echo "<td valign=top bgcolor='$color'>&nbsp;$strLgText</td>\n";
        } elseif ($field_type == "bool") {
            echo "<td valign=top>&nbsp;$bool_YesNo($row[$i_field]), "&nbsp;</td>\n";
        } else {
            echo "<td valign=top>&nbsp;$nl2br(htmlspecialchars($row[$i_field])), "&nbsp;</td>\n";
        }
    }
    echo "</table>\n";
}
?>
<br><u>ข้อมูลแหล่งน้ำที่ก่อสร้างขึ้น ประปาชนบท</u>
<?
    $sql = "select prj_name,tmb_name, amp_name,
prv_name,agency_id,mub_code,yr_create,wsrc_code,wrs_stat,na_code,n_fmly_csm,n_rai_rain,n_rai_dry,n_fmly_ind,n_fmly_fsh
    from rwsp inner join tmbinfo on rwsp.tmb_id = tmbinfo.tmb_id
    inner join ampinfo on substring(tmbinfo.tmb_id from 0 for 5) = ampinfo.ampinfo_id
    inner join prvinf on substring(tmbinfo.tmb_id from 0 for 3) = prvinf.prvinf_id
    $ext order by prv_name,amp_name,tmb_name,prj_name";

    $rs = pg_Exec($conn, $sql) or die("couldn't execute query"); $num_rows = @pg_numrows($rs);

    if (!isset($pos)) $pos = 0;
    $pos_next = $pos + $cfgMaxRows; $pos_prev = $pos - $cfgMaxRows; $iNumRows = $num_rows;
    if ($num_rows < $pos_next) { $pos_next = $num_rows; }

    if ($num_rows <= 0) { echo "<center><br><font color=red><h5>ไม่มีข้อมูล</h5></font></center>"; }
    else { display_nav(urlencode($sql),$rs,"nwrc_all.php","&prvinf_id=" . urlencode($prvinf_id) . "&ampinfo_id=" .
urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id),$num_rows);
    ?>
<table border='1' cellspacing=0 width='100%'>
    <tr >

```

```

<td align=center class=header1>ลำดับ</td>
<td align=center bgcolor='#FF9999' class=header1>รหัส/ชื่อโครงการ</td>
<td align=center bgcolor='#FF9999' class=header1>ตำแหน่ง</td>
<td align=center bgcolor='#9999FF' class=header1>หน่วยงาน<br>ที่รับ<br>ผิดชอบ</td>
    <td align=center bgcolor='#9999FF' class=header1>สถานที่ตั้ง</td>
<td align=center bgcolor='#9999FF' class=header1>ปีที่ก่อสร้าง<br>แล้วเสร็จ</td>
    <td align=center bgcolor='#FF9944' class=header1>แหล่งน้ำดิบ</td>
    <td align=center bgcolor='#FF9944' class=header1>สภาพปัจจุบัน</td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>อุปโภค-บริโภค<br>(ครัวเรือน)</td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การเพาะปลูกใน<br>ฤดูฝน (ไร่)</td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การเพาะปลูกใน<br>ฤดูแล้ง (ไร่)</td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>อุตสาหกรรม<br>ในครัวเรือน<br>(ครัวเรือน)<br></td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การประมง<br>เลี้ยงสัตว์<br>(ครัวเรือน)<br></td>
</tr>
<?
    for ($i_row = $pos; $i_row < $pos_next; $i_row++){ // show data
        $row = pg_fetch_row($rs, $i_row); unset($primary_key);
        $bgcolor = $cfgBgcolorOne;
        $i_row % 2 ? 0: $bgcolor = $cfgBgcolorTwo;
        echo "<tr bgcolor=$bgcolor>"; $aa = $i_row+1;
        echo "<td align=right valign=top>&nbsp;   "; $aa . "&nbsp;   </td>\n";
        for ($i_field = 0; $i_field < pg_numfields($rs); $i_field++) {
            //echo "<td align=right valign=top bgcolor='$color'>&nbsp;   $row[$i_field]&nbsp;   </td>\n";
            if (!isset($row[$i_field])) unset($row[$i_field]);
            $field_type = pg_fieldtype($rs, $i_field);
            $field_name = pg_fieldname($rs, $i_field);
            if ($i_field <=2) $color="#FFAAAA"; //pink
            elseif ($i_field == 2 || $i_field <=6 )$color="#AAAAFF"; //purple
            elseif ($i_field <= 7 || $i_field <=9 )$color="#FFAA55"; // orange
            elseif ($i_field > 9)$color="#55AAFF"; //blue
            else $color="";
            if ($field_name == "agency_id") {$agen = "";
                $a = split(",", $row[$i_field]); for ($v=0;$v<count($a);$v++) { $agen .=
$rwsp_agen[trim($a[$v])] . ", "; }
                $agen = substr(trim($agen),0,strlen($agen)-2);
                echo "<td align=left valign=top bgcolor='$color'>". $agen . "&nbsp;   </td>\n";
            }
            elseif ($field_name == "mub_code") {

```

```

        echo "<td align=left valign=top bgcolor='$color'>พื้". $row[$i_field]."&nbsp;</td>\n";
    }
    elseif ($field_name == "wsrc_code") { $rwspt = "";
        $a = split(",", $row[$i_field]); for ($v=0; $v<count($a); $v++) { $rwspt .=
$wsrcl[trim($a[$v])] . ", "; }
        $rwspt = substr(trim($rwspt), 0, strlen($rwspt)-2);
        echo "<td align=left valign=top bgcolor='$color'>". $rwspt . "&nbsp;</td>\n";
    }
    elseif ($field_name == "wrs_stat" || $field_name == "na_code") {
        if ($field_name == "na_code") { $na = ""; $b = split(",", $row[$i_field]);
            for ($v=0; $v<count($b); $v++) { if (trim($b[$v]) != "") $na .= $rwspt_na[trim($b[$v])] .
", "; }
            $na = substr(trim($na), 0, strlen(trim($na))-1);
            echo " $na";
        }
        if ($field_name == "wrs_stat") { $dsta = ""; $a = split(",", $row[$i_field]);
            for ($v=0; $v<count($a); $v++) { if (trim($a[$v]) != "") $dsta .= $status[trim($a[$v])] .
", "; }
            $dsta = substr(trim($dsta), 0, strlen(trim($dsta))-1);
            echo "<td align=left valign=top bgcolor='$color'>". $dsta;
        }
    }
    elseif ($i_field == 0 ) {
        echo "<td valign=top bgcolor='$color'>$row[$i_field]&nbsp;</td>\n";
    }
    elseif ($i_field <= 1 || $i_field <= 3) {
        if ($i_field == 1) echo "<td valign=top bgcolor='$color'>". " ค." . $row[1] . " อ." . $row[2] .
" จ." . $row[3] . "</td>\n";
    }
    elseif (eregi("int|numeric|float", $field_type)) {
        echo "<td align=right valign=top bgcolor='$color'>&nbsp;<td>". $row[$i_field] . "&nbsp;</td>\n";
    } elseif ($cfgShowBlob == false && eregi("BLOB", $field_type)) {
        echo "<td align=right valign=top bgcolor='$color'>&nbsp;<td>[BLOB]&nbsp;</td>\n";
    } elseif (eregi("text|char", $field_type)) { // If the text is longer than $cfgMaxText characters,
let's cut it short
        if (strlen($row[$i_field]) > $cfgMaxText && !empty($cfgMaxText)) {
            $strLgText = nl2br(htmlspecialchars(substr($row[$i_field], 0, $cfgMaxText))) . "
<br><b>... $strMore ...</b>";
        } else {
            $strLgText = nl2br(htmlspecialchars($row[$i_field]));
        }
    }
}

```

```

        }
        echo "<td valign=top bgcolor='$color'>&nbsp;$strLgText</td>\n";
    } elseif ($field_type == "bool") {
        echo "<td valign=top>&nbsp;$bool_YesNo($row[$i_field]), "&nbsp;</td>\n";
    } else {
        echo "<td valign=top>&nbsp;$nl2br(htmlspecialchars($row[$i_field])), "&nbsp;</td>\n";
    }
}
}
echo "</table>\n";
}
?>
<br><u>สภาพการขาดแคลนน้ำ</u>
<?
    $sql = "select tmb_name, amp_name,
prv_name,n_fmly_csm,n_fmly_crp,shtlvl_csm,shtlvl_crp,shtprd_csm,shtprd_crp,sphlp_csm,sphlp_crp,lphlp_csm,lphlp_crp,swhlp_csm,swhlp_crp,lwhlp_csm,lwhlp_crp
        from wshtage inner join tmbinfo on wshtage.tmb_id = tmbinfo.tmb_id
        inner join ampinfo on substring(tmbinfo.tmb_id from 0 for 5) = ampinfo.ampinfo_id
        inner join prvinf on substring(tmbinfo.tmb_id from 0 for 3) = prvinf.prvinf_id
        $ext order by prv_name,amp_name,tmb_name";

    $rs = pg_Exec($conn, $sql) or die("couldn't execute query"); $num_rows = @pg_numrows($rs);

    if (!isset($pos)) $pos = 0;
    $pos_next = $pos + $cfgMaxRows; $pos_prev = $pos - $cfgMaxRows; $iNumRows = $num_rows;
    if ($num_rows < $pos_next) { $pos_next = $num_rows; }

    if ($num_rows <= 0) { echo "<center><br><font color=red><h5>ไม่มีข้อมูล</h5></font></center>"; }
    else { display_nav(urlencode($sql),$rs,"nwrc_all.php","&prvinf_id=" . urlencode($prvinf_id) . "&ampinfo_id=" .
urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id),$num_rows);
    ?>
<table border='1' cellspacing=0 width='100%'>
    <tr >
        <td align=center class=header1>ลำดับ</td>
        <td align=center bgcolor='#FF9999' class=header1>ตำแหน่ง</td>
        <td align=center bgcolor='#9999FF' class=header1>สภาพการ<br>ขาดแคลน<br>อุปโภค<br>บริโภค
            <td align=center bgcolor='#9999FF' class=header1>สภาพการ<br>ขาดแคลน<br>การเพาะปลูก
            <td align=center bgcolor='#9999FF' class=header1>ระดับการ<br>ขาดแคลน<br>อุปโภค<br>บริโภค

```

```

<td align=center bgcolor='#9999FF' class=header1>ระดับการ<br>ขาดแคลน<br>การเพาะปลูก
    <td align=center bgcolor='#9999FF' class=header1>ระยะเวลา<br>การขาดแคลน<br>อุปโภค<br>บริโภค
<td align=center bgcolor='#9999FF' class=header1>ระยะเวลา<br>การขาดแคลน<br>การเพาะปลูก
<td align=center bgcolor='#FFAA55' class=header1>การช่วยเหลือ<br>ระยะสั้น<br>อุปโภค-บริโภค<br>ที่ผ่านมา</td>
    <td align=center bgcolor='#FFAA55' class=header1>การช่วยเหลือ<br>ระยะสั้น<br>การเพาะปลูก<br>ที่ผ่านมา</td>
<td align=center bgcolor='#FFAA55' class=header1>การช่วยเหลือ<br>ระยะยาว<br>อุปโภค-บริโภค<br>ที่ผ่านมา</td>
    <td align=center bgcolor='#FFAA55' class=header1>การช่วยเหลือ<br>ระยะยาว<br>การเพาะปลูก<br>ที่ผ่านมา</td>
<td align=center bgcolor='#4499FF' class=header1>การช่วยเหลือ<br>ระยะสั้น<br>อุปโภค-บริโภค<br>ที่ต้องการ</td>
    <td align=center bgcolor='#4499FF' class=header1>การช่วยเหลือ<br>ระยะสั้น<br>การเพาะปลูก<br>ที่ต้องการ</td>
<td align=center bgcolor='#4499FF' class=header1>การช่วยเหลือ<br>ระยะยาว<br>อุปโภค-บริโภค<br>ที่ต้องการ</td>
    <td align=center bgcolor='#4499FF' class=header1>การช่วยเหลือ<br>ระยะยาว<br>การเพาะปลูก<br>ที่ต้องการ</td>
</tr>
<?
    for ($i_row = $pos; $i_row < $pos_next; $i_row++) { // show data
        $row = pg_fetch_row($rs, $i_row); unset($primary_key);
        $bgcolor = $cfgBgcolorOne;
        $i_row % 2 ? 0: $bgcolor = $cfgBgcolorTwo;
        echo "<tr bgcolor=$bgcolor>"; $aa = $i_row+1;
        echo "<td align=right valign=top>&nbsp;  "; $aa . " &nbsp;  </td>\n";
        for ($i_field = 0; $i_field < pg_numfields($rs); $i_field++) {
            //echo "<td align=right valign=top bgcolor='$color'>&nbsp;  $row[$i_field]&nbsp;  </td>\n";
            if (!isset($row[$i_field])) unset($row[$i_field]);
            $field_type = pg_fieldtype($rs, $i_field);
            $field_name = pg_fieldname($rs, $i_field);
            if ($i_field == 1) $color="#FFAAAA"; //pink
            elseif ($i_field == 2 || $i_field <=8 )$color="#AAAAFF"; //purple
            elseif ($i_field <= 9 || $i_field <=12 )$color="#FFAA55"; // orange
            elseif ($i_field > 12)$color="#55AAFF"; //blue
            else $color="";
            if ($i_field <= 1 || $i_field <=2 ) {
                if ($i_field == 1) echo "<td valign=top bgcolor='$color'>&nbsp;  "; $row[3] . " ค." . $row[0] . "
อ." . $row[1] . " จ." . $row[2] . "</td>\n";
            }
            elseif($field_name == "shtprd_csm") {
                if ($row[$i_field] != "" && trim($row[$i_field]) != 0) $mon = $tmontha[date("n",
mktime(0,0,0,(substr($row[$i_field],0,2)+1),0,0))-1] . "-" . $tmontha[date("n",
mktime(0,0,0,(substr($row[$i_field],2,2)+1),0,0))-1] ;
                else $mon = "";
                echo "<td valign=top bgcolor='$color'>". $mon . " &nbsp;  </td>\n";
            }
        }
    }
}

```

```

    }
    elseif($field_name == "shtprd_crp") {
        if ($row[$i_field] != "" && trim($row[$i_field]) != 0) $mon = $tmontha[date("n",
mktime(0,0,0,(substr($row[$i_field],0,2)+1),0,0))-1] . "-" . $tmontha[date("n",
mktime(0,0,0,(substr($row[$i_field],2,2)+1),0,0))-1] ;
        else $mon = "";
        echo "<td valign=top bgcolor='$color'>". $mon . "&nbsp;</td>\n";
    }
    elseif ($field_name == "sphlp_csm") {$sphlp_csm = "";
        $a = split(",", $row[$i_field]); for ($v=0;$v<count($a);$v++) { $sphlp_csm.=
$shelp[trim($a[$v])] . ", "; }
        $sphlp_csm = substr(trim($sphlp_csm),0,strlen($sphlp_csm)-2);
        echo "<td align=left valign=top bgcolor='$color'>". $sphlp_csm . "&nbsp;</td>\n";
    }
    elseif ($field_name == "sphlp_crp") {$sphlp_crp = "";
        $a = split(",", $row[$i_field]); for ($v=0;$v<count($a);$v++) { $sphlp_crp.=
$shelp[trim($a[$v])] . ", "; }
        $sphlp_crp = substr(trim($sphlp_crp),0,strlen($sphlp_crp)-2);
        echo "<td align=left valign=top bgcolor='$color'>". $sphlp_crp . "&nbsp;</td>\n";
    }
    elseif ($field_name == "lphlp_csm") {$lphlp_csm = "";
        $a = split(",", $row[$i_field]); for ($v=0;$v<count($a);$v++) { $lphlp_csm.=
$lhelp[trim($a[$v])] . ", "; }
        $lphlp_csm = substr(trim($lphlp_csm),0,strlen($lphlp_csm)-2);
        echo "<td align=left valign=top bgcolor='$color'>". $lphlp_csm . "&nbsp;</td>\n";
    }
    elseif ($field_name == "lphlp_crp") {$lphlp_crp = "";
        $a = split(",", $row[$i_field]); for ($v=0;$v<count($a);$v++) { $lphlp_crp.=
$lhelp[trim($a[$v])] . ", "; }
        $lphlp_crp = substr(trim($lphlp_crp),0,strlen($lphlp_crp)-2);
        echo "<td align=left valign=top bgcolor='$color'>". $lphlp_crp . "&nbsp;</td>\n";
    }
    elseif ($field_name == "swhlp_csm") {$swhlp_csm = "";
        $a = split(",", $row[$i_field]); for ($v=0;$v<count($a);$v++) { $swhlp_csm.=
$shelp[trim($a[$v])] . ", "; }
        $swhlp_csm = substr(trim($swhlp_csm),0,strlen($swhlp_csm)-2);
        echo "<td align=left valign=top bgcolor='$color'>". $swhlp_csm . "&nbsp;</td>\n";
    }
    elseif ($field_name == "swhlp_crp") {$swhlp_crp = "";

```

```

$shelp[trim($a[$v])] . ", "; }
    $a = split(",", $row[$i_field]); for ($v=0; $v<count($a); $v++) { $swhlp_crp.=
    $swhlp_crp = substr(trim($swhlp_crp), 0, strlen($swhlp_crp)-2);
    echo "<td align=left valign=top bgcolor='$color'>". $swhlp_crp ."&nbsp;</td>\n";
    }
    elseif ($field_name == "lwhlp_csm") { $lwhlp_csm = "";
    $a = split(",", $row[$i_field]); for ($v=0; $v<count($a); $v++) { $lwhlp_csm.=
    $lhelp[trim($a[$v])] . ", "; }
    $lwhlp_csm = substr(trim($lwhlp_csm), 0, strlen($lwhlp_csm)-2);
    echo "<td align=left valign=top bgcolor='$color'>". $lwhlp_csm ."&nbsp;</td>\n";
    }
    elseif ($field_name == "lwhlp_crp") { $lwhlp_crp = "";
    $a = split(",", $row[$i_field]); for ($v=0; $v<count($a); $v++) { $lwhlp_crp.=
    $lhelp[trim($a[$v])] . ", "; }
    $lwhlp_crp = substr(trim($lwhlp_crp), 0, strlen($lwhlp_crp)-2);
    echo "<td align=left valign=top bgcolor='$color'>". $lwhlp_crp ."&nbsp;</td>\n";
    }
    elseif (ereg("int|numeric|float", $field_type)) {
    echo "<td align=right valign=top bgcolor='$color'>&nbsp;  ". $row[$i_field] . "&nbsp;</td>\n";
    } elseif ($cfgShowBlob == false && ereg("BLOB", $field_type)) {
    echo "<td align=right valign=top bgcolor='$color'>&nbsp;  [BLOB]&nbsp;</td>\n";
    } elseif (ereg("text|char", $field_type)) { // If the text is longer than $cfgMaxText characters,
let's cut it short
    if (strlen($row[$i_field]) > $cfgMaxText && !empty($cfgMaxText)) {
        $strLgText = nl2br(htmlspecialchars(substr($row[$i_field], 0, $cfgMaxText))) . "
<br><b>... $strMore ...</b>";
    } else {
        $strLgText = nl2br(htmlspecialchars($row[$i_field]));
    }
    echo "<td valign=top bgcolor='$color'>&nbsp;  $strLgText</td>\n";
    } elseif ($field_type == "bool") {
    echo "<td valign=top>&nbsp;  ". bool_YesNo($row[$i_field]), "&nbsp;</td>\n";
    } else {
    echo "<td valign=top>&nbsp;  ". nl2br(htmlspecialchars($row[$i_field])), "&nbsp;</td>\n";
    }
    }
    }
    echo "</table>\n";
}
?>

```

```

<br><u>สภาพน้ำท่วม</u>
<?
    $sql = "select tmb_name, amp_name,
prv_name,n_rai_earn,n_rai_live,ruin_earn,ruin_live,fprd_earn,fprd_live,sphlp_earn,sphlp_live,lphlp_earn,lphlp_live,swhlp_earn,swhlp_live,lwhlp_earn,lwhlp_live
    from floods inner join tmbinfo on floods.tmb_id = tmbinfo.tmb_id
    inner join ampinfo on substring(tmbinfo.tmb_id from 0 for 5) = ampinfo.ampinfo_id
    inner join prvinf on substring(tmbinfo.tmb_id from 0 for 3) = prvinf.prvinf_id
    $ext order by prv_name,amp_name,tmb_name";

    $rs = pg_Exec($conn, $sql) or die("couldn't execute query"); $num_rows = @pg_numrows($rs);

    if (!isset($pos)) $pos = 0;
    $pos_next = $pos + $cfgMaxRows; $pos_prev = $pos - $cfgMaxRows; $iNumRows = $num_rows;
    if ($num_rows < $pos_next) { $pos_next = $num_rows; }

    if ($num_rows <= 0) { echo "<center><br><font color=red><h5>ไม่มีข้อมูล</h5></font></center>"; }
    else { display_nav(urlencode($sql),$rs,"nwr_all.php","&prvinf_id=" . urlencode($prvinf_id) . "&ampinfo_id=" .
urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id),$num_rows);
    ?>
<table border='1' cellpadding=0 width='100%'>
    <tr >
        <td align=center class=header1>ลำดับ</td>
        <td align=center bgcolor='#FF9999' class=header1>ตำแหน่ง</td>
        <td align=center bgcolor='#9999FF' class=header1>สภาพ<br>น้ำท่วม<br>พื้นที่ทำกิน<br>(ไร่)
            <td align=center bgcolor='#9999FF' class=header1>สภาพ<br>น้ำท่วม<br>ที่อยู่อาศัย<br>(ไร่)
            <td align=center bgcolor='#9999FF' class=header1>ระดับความ<br>เสียหาย<br>พื้นที่ทำกิน
        <td align=center bgcolor='#9999FF' class=header1>ระดับความ<br>เสียหาย<br>ที่อยู่อาศัย
            <td align=center bgcolor='#9999FF' class=header1>ระยะเวลา<br>ช่วงน้ำท่วม<br>พื้นที่ทำกิน
            <td align=center bgcolor='#9999FF' class=header1>ระยะเวลา<br>ช่วงน้ำท่วม<br>ที่อยู่อาศัย
            <td align=center bgcolor='#FFAA55' class=header1>การช่วยเหลือ<br>ระยะสั้น<br>พื้นที่ทำกิน<br>ที่ผ่านมา</td>
            <td align=center bgcolor='#FFAA55' class=header1>การช่วยเหลือ<br>ระยะสั้น<br>ที่อยู่อาศัย<br>ที่ผ่านมา</td>
            <td align=center bgcolor='#FFAA55' class=header1>การช่วยเหลือ<br>ระยะยาว<br>พื้นที่ทำกิน<br>ที่ผ่านมา</td>
            <td align=center bgcolor='#FFAA55' class=header1>การช่วยเหลือ<br>ระยะยาว<br>ที่อยู่อาศัย<br>ที่ผ่านมา</td>
            <td align=center bgcolor='#4499FF' class=header1>การช่วยเหลือ<br>ระยะสั้น<br>พื้นที่ทำกิน<br>ที่ต้องการ</td>
            <td align=center bgcolor='#4499FF' class=header1>การช่วยเหลือ<br>ระยะสั้น<br>ที่อยู่อาศัย<br>ที่ต้องการ</td>
            <td align=center bgcolor='#4499FF' class=header1>การช่วยเหลือ<br>ระยะยาว<br>พื้นที่ทำกิน<br>ที่ต้องการ</td>

```

```

<td align=center bgcolor='#4499FF' class=header>การช่วยเหลือ<br>ระยะยาว<br>ที่อยู่อาศัย<br>ที่ต้องการ</td>

</tr>
<?
    for ($i_row = $pos; $i_row < $pos_next; $i_row++){ //show data
        $row = pg_fetch_row($rs, $i_row); unset($primary_key);
        $bgcolor = $cfgBgcolorOne;
        $i_row % 2 ? 0: $bgcolor = $cfgBgcolorTwo;
        echo "<tr bgcolor=$bgcolor>"; $aa = $i_row+1;
        echo "<td align=right valign=top>&nbsp;  "; $aa . "&nbsp;  </td>\n";
        for ($i_field = 0; $i_field < pg_numfields($rs); $i_field++) {
            //echo "<td align=right valign=top bgcolor='$color'>&nbsp;  $row[$i_field]&nbsp;  </td>\n";
            if (!isset($row[$i_field])) unset($row[$i_field]);
            $field_type = pg_fieldtype($rs, $i_field);
            $field_name = pg_fieldname($rs, $i_field);
            if ($i_field == 1) $color="#FFAAAA"; //pink
            elseif ($i_field == 2 || $i_field <=8 )$color="#AAAAFF"; //purple
            elseif ($i_field <= 9 || $i_field <=12 )$color="#FFAA55"; // orange
            elseif ($i_field > 12)$color="#55AAFF"; //blue
            else $color="";
            if ($i_field <=2 ) {
                if ($i_field == 1) echo "<td valign=top bgcolor='$color'>ค." . $row[0] . " อ." . $row[1] . "
จ." . $row[2] . "&nbsp;  </td>\n";
            }
            elseif($field_name == "fprd_earn") {
                if ($row[$i_field] != "" && trim($row[$i_field]) != 0) $mon = $tmontha[date("n",
mktime(0,0,0,(substr($row[$i_field],0,2)+1),0,0))-1] . "-" . $tmontha[date("n",
mktime(0,0,0,(substr($row[$i_field],2,2)+1),0,0))-1] ;
                else $mon = "";
                echo "<td valign=top bgcolor='$color'>". $mon . "&nbsp;  </td>\n";
            }
            elseif($field_name == "fprd_live") {
                if ($row[$i_field] != "" && trim($row[$i_field]) != 0) $mon = $tmontha[date("n",
mktime(0,0,0,(substr($row[$i_field],0,2)+1),0,0))-1] . "-" . $tmontha[date("n",
mktime(0,0,0,(substr($row[$i_field],2,2)+1),0,0))-1] ;
                else $mon = "";
                echo "<td valign=top bgcolor='$color'>". $mon . "&nbsp;  </td>\n";
            }
            elseif ($field_name == "ruin_earn" || $field_name == "ruin_live") {

```

```

        echo "<td align=left valign=top bgcolor='$color'>". $level[trim($row[$i_field])]
    ."&nbsp;</td>\n";
    }
    elseif ($field_name == "sphlp_earn") {$sphlp_csm = "";
        $a = split(",", $row[$i_field]); for ($v=0; $v<count($a); $v++) { $sphlp_csm.=
    $sfhelp[trim($a[$v])] . ", "; }
        $sphlp_csm = substr(trim($sphlp_csm), 0, strlen($sphlp_csm)-2);
        echo "<td align=left valign=top bgcolor='$color'>". $sphlp_csm ."&nbsp;</td>\n";
    }
    elseif ($field_name == "sphlp_live") {$sphlp_crp = "";
        $a = split(",", $row[$i_field]); for ($v=0; $v<count($a); $v++) { $sphlp_crp.=
    $sfhelp[trim($a[$v])] . ", "; }
        $sphlp_crp = substr(trim($sphlp_crp), 0, strlen($sphlp_crp)-2);
        echo "<td align=left valign=top bgcolor='$color'>". $sphlp_crp ."&nbsp;</td>\n";
    }
    elseif ($field_name == "lphlp_earn") {$lphlp_csm = "";
        $a = split(",", $row[$i_field]); for ($v=0; $v<count($a); $v++) { $lphlp_csm.=
    $lfhelp[trim($a[$v])] . ", "; }
        $lphlp_csm = substr(trim($lphlp_csm), 0, strlen($lphlp_csm)-2);
        echo "<td align=left valign=top bgcolor='$color'>". $lphlp_csm ."&nbsp;</td>\n";
    }
    elseif ($field_name == "lphlp_live") {$lphlp_crp = "";
        $a = split(",", $row[$i_field]); for ($v=0; $v<count($a); $v++) { $lphlp_crp.=
    $lfhelp[trim($a[$v])] . ", "; }
        $lphlp_crp = substr(trim($lphlp_crp), 0, strlen($lphlp_crp)-2);
        echo "<td align=left valign=top bgcolor='$color'>". $lphlp_crp ."&nbsp;</td>\n";
    }
    elseif ($field_name == "swhlp_earn") {$swhlp_csm = "";
        $a = split(",", $row[$i_field]); for ($v=0; $v<count($a); $v++) { $swhlp_csm.=
    $sfhelp[trim($a[$v])] . ", "; }
        $swhlp_csm = substr(trim($swhlp_csm), 0, strlen($swhlp_csm)-2);
        echo "<td align=left valign=top bgcolor='$color'>". $swhlp_csm ."&nbsp;</td>\n";
    }
    elseif ($field_name == "swhlp_live") {$swhlp_crp = "";
        $a = split(",", $row[$i_field]); for ($v=0; $v<count($a); $v++) { $swhlp_crp.=
    $sfhelp[trim($a[$v])] . ", "; }
        $swhlp_crp = substr(trim($swhlp_crp), 0, strlen($swhlp_crp)-2);
        echo "<td align=left valign=top bgcolor='$color'>". $swhlp_crp ."&nbsp;</td>\n";
    }
    elseif ($field_name == "lwhlp_earn") {$lwhlp_csm = "";

```

```

$lfhelp[trim($a[$v])] . ", "; }
    $a = split(",", $row[$i_field]); for ($v=0; $v<count($a); $v++) { $lwhlp_csm.=
    $lwhlp_csm = substr(trim($lwhlp_csm), 0, strlen($lwhlp_csm)-2);
    echo "<td align=left valign=top bgcolor='$color'>". $lwhlp_csm . "&nbsp;</td>\n";
    }
    elseif ($field_name == "lwhlp_live") { $lwhlp_crp = "";
    $a = split(",", $row[$i_field]); for ($v=0; $v<count($a); $v++) { $lwhlp_crp.=
$lfhelp[trim($a[$v])] . ", "; }
    $lwhlp_crp = substr(trim($lwhlp_crp), 0, strlen($lwhlp_crp)-2);
    echo "<td align=left valign=top bgcolor='$color'>". $lwhlp_crp . "&nbsp;</td>\n";
    }
    elseif (eregi("int|numeric|float", $field_type)) {
        echo "<td align=right valign=top bgcolor='$color'>&nbsp;  " . $row[$i_field] . "&nbsp;</td>\n";
    } elseif ($cfgShowBlob == false && eregi("BLOB", $field_type)) {
        echo "<td align=right valign=top bgcolor='$color'>&nbsp;  [BLOB]&nbsp;</td>\n";
    } elseif (eregi("text|char", $field_type)) { // If the text is longer than $cfgMaxText characters,
let's cut it short
        if (strlen($row[$i_field]) > $cfgMaxText && !empty($cfgMaxText)) {
            $strLgText = nl2br(htmlspecialchars(substr($row[$i_field], 0, $cfgMaxText))) . "
<br><b>... $strMore ...</b>";
        } else {
            $strLgText = nl2br(htmlspecialchars($row[$i_field]));
        }
        echo "<td valign=top bgcolor='$color'>&nbsp;  $strLgText</td>\n";
    } elseif ($field_type == "bool") {
        echo "<td valign=top>&nbsp;  "; bool_YesNo($row[$i_field]), "&nbsp;</td>\n";
    } else {
        echo "<td valign=top>&nbsp;  "; nl2br(htmlspecialchars($row[$i_field])), "&nbsp;</td>\n";
    }
    }
    }
    echo "</table>\n";
}
?>
<br><u>โครงการแหล่งน้ำที่มีแผนก่อสร้างแล้วและโครงการที่หมู่บ้านต้องการเสนอให้ก่อสร้างในอนาคต</u>
<?
$sql ="select prj_name, tmb_name, amp_name, prv_name, prj_type, agency_id, prj_object, inplnstat, outplnstat, st_pln, end_pln
from wdevprj inner join tmbinfo on wdevprj.tmb_id = tmbinfo.tmb_id
inner join ampinfo on substring(tmbinfo.tmb_id from 0 for 5) = ampinfo.ampinfo_id
inner join prvinfo on substring(tmbinfo.tmb_id from 0 for 3) = prvinfo.prvinfo_id

```

```

$ext order by prv_name, amp_name, tmb_name";

$rs = pg_Exec($conn, $sql) or die("couldn't execute query"); $num_rows = @pg_numrows($rs);

if (!isset($pos)) $pos = 0;
$pos_next = $pos + $cfgMaxRows; $pos_prev = $pos - $cfgMaxRows; $iNumRows = $num_rows;
if ($num_rows < $pos_next) { $pos_next = $num_rows; }

if ($num_rows <= 0) { echo "<center><br><font color=red><h5>ไม่มีข้อมูล</h5></font></center>"; }
else { display_nav(urlencode($sql), $rs, "nwrc_all.php", "&prvinfo_id=" . urlencode($prvinfo_id) . "&ampinfo_id=" .
urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id), $num_rows);
?>
<table border='1' cellpadding=0 width='100%'>
<tr >
<td align=center class=header1>ลำดับ</td>
<td align=center bgcolor='#FF9999' class=header1>ประเภท/ชื่อโครงการ</td>
<td align=center bgcolor='#FF9999' class=header1>ตำแหน่ง</td>
<td align=center bgcolor='#9999FF' class=header1>หน่วยงานรับผิดชอบ</td>
<td align=center bgcolor='#9999FF' class=header1>ประโยชน์ของโครงการ</td>
<td align=center bgcolor='#9999FF' class=header1>ลักษณะโครงการ<br>ในแผน</td>
<td align=center bgcolor='#9999FF' class=header1>ลักษณะโครงการ<br>นอกแผน</td>
<td align=center bgcolor='#FF9944' class=header1>แผนการ<br>ก่อสร้าง<br>เริ่ม (พ.ศ.)</td>
<td align=center bgcolor='#FF9944' class=header1>แผนการ<br>ก่อสร้าง<br>เสร็จ (พ.ศ.)</td>
</tr>
<?
    for ($i_row = $pos; $i_row < $pos_next; $i_row++) { // show data
        $row = pg_fetch_row($rs, $i_row); unset($primary_key);
        $bgcolor = $cfgBgcolorOne;
        $i_row % 2 ? 0: $bgcolor = $cfgBgcolorTwo;
        echo "<tr bgcolor=$bgcolor>"; $aa = $i_row+1;
        echo "<td align=right valign=top>&nbsp;  "; $aa . "&nbsp;  </td>\n";
        for ($i_field = 0; $i_field < pg_numfields($rs); $i_field++) {
            //echo "<td align=right valign=top bgcolor='$color'>&nbsp;  $row[$i_field]&nbsp;  </td>\n";
            if (!isset($row[$i_field])) unset($row[$i_field]);
            $field_type = pg_fieldtype($rs, $i_field);
            $field_name = pg_fieldname($rs, $i_field);
            if ($i_field <=2) $color="#FFAAAA"; //pink
            elseif ($i_field == 2 || $i_field <=8 )$color="#AAAAFF"; //purple
            elseif ($i_field <= 9 || $i_field <=11 )$color="#FFAA55"; // orange

```

```

elseif ($i_field > 11 )$color="#55AAFF"; //blue
else $color="";
if ($i_field == 0 || $i_field == 4) {
    if ($i_field == 0) echo "<td align=left valign=top bgcolor='$color'>". $pname[$row[$i_field]].
$pname[$row[4]] . "&nbsp;</td>\n";
}
elseif ($i_field <= 3) {
    if ($i_field == 1) echo "<td valign=top bgcolor='$color'>". " ค." . $row[1] . " อ." . $row[2] .
" จ." . $row[3] . "</td>\n";
}
elseif($field_name == "agency_id") {
    echo "<td align=left valign=top bgcolor='$color'>". $pagen[$row[$i_field]]."&nbsp;</td>\n";
}
elseif ($field_name == "prj_object") { $po = "";
    $a = split(",",$row[$i_field]); for ($v=0;$v<count($a);$v++) { $po.= $pobj[trim($a[$v])] . ",
"; }

    $po = substr(trim($po),0,strlen($po)-2);
    echo "<td align=left valign=top bgcolor='$color'>". $po . "&nbsp;</td>\n";
}
elseif($field_name == "inplnstat" || $field_name == "outplnstat") {
    echo "<td align=left valign=top bgcolor='$color'>". $ptype[$row[$i_field]]."&nbsp;</td>\n";
}
elseif (ereg("int|numeric|float", $field_type)) {
    echo "<td align=right valign=top bgcolor='$color'>&nbsp; ". $row[$i_field] . "&nbsp;</td>\n";
} elseif ($cfgShowBlob == false && ereg("BLOB", $field_type)) {
    echo "<td align=right valign=top bgcolor='$color'>&nbsp; [BLOB]&nbsp;</td>\n";
} elseif (ereg("text|char", $field_type)) { // If the text is longer than $cfgMaxText characters,
let's cut it short
    if (strlen($row[$i_field]) > $cfgMaxText && !empty($cfgMaxText)) {
        $strLgText = nl2br(htmlspecialchars(substr($row[$i_field], 0, $cfgMaxText))) . "
<br><b>... $strMore ...</b>";
    } else {
        $strLgText = nl2br(htmlspecialchars($row[$i_field]));
    }
    echo "<td valign=top bgcolor='$color'>&nbsp; $strLgText</td>\n";
} elseif ($field_type == "bool") {
    echo "<td valign=top>&nbsp; "; bool_YesNo($row[$i_field]), "&nbsp;</td>\n";
} else {
    echo "<td valign=top>&nbsp; "; nl2br(htmlspecialchars($row[$i_field])), "&nbsp;</td>\n";
}
}

```

```
        }
    }
    echo "</table>\n";
}
?>
</body>
</html>
*****
```

```

ชื่อโปรแกรม : nwrc_climate.php
คำอธิบาย : รายงานข้อมูลพื้นฐานการจัดการทรัพยากรน้ำระดับตำบล ข้อมูลสภาพอากาศและสภาพภูมิประเทศ โดยเลือกจังหวัด อำเภอ และตำบล โปรแกรมจะทำการค้นหาข้อมูลจากฐานข้อมูล และแสดงผลรายงาน
*****

<?
#####
# NECTEC -- High Performance Computing Research and Development Division --
#
# VERSION: 1
# PROJECT: TIWRM
# FILENAME: nwrc_climate.php
# AUTHOR(S): Thitiporn Meeprasert
# PURPOSE: report sum river data of water resource management
#
# CMD LINE ARG: none
# INPUT:
# OUTPUT:
# DATE CREATED:
# HISTORY:
#
#####
# ***** Main Script *****
#####
#
# GLOBAL VARS:
# MODIFIED:
#
#####
include("config.php");
?>
<html>
<head>
<title>สรุปข้อมูลพื้นฐานการจัดการทรัพยากรน้ำระดับตำบล ข้อมูลสภาพอากาศและสภาพภูมิประเทศ</title>
<META name='Author' content='<?= $author ?>'><META name='Author' content='<?= $author1 ?>'>
<META NAME='description' CONTENT=''>
<META NAME='keywords' CONTENT=''>
<META http-equiv='Content-Type' content='text/html; charset=TIS-620'>
<style type="text/css">
<!--
.header1 { font-family: Arial, Helvetica, sans-serif; font-size: 8pt; font-weight: bold }
td { font-family: Arial, Helvetica, sans-serif; font-size: 8pt;}

```

```

-->
</style>
</head>
<body>
<form name=form1 method=post action=nwrc_climate.php>
<center>สรุปข้อมูลพื้นฐานการจัดการทรัพยากรน้ำระดับตำบล<br><br></center>
<u>ข้อมูลสภาพอากาศและสภาพภูมิประเทศ</u>
<?
    $conn =pg_connect("host=dbms port=5432 user=guest password=**** dbname=nwrc")or die("couldn't make connection");
    if (!($conn)error_log("Unable to open while processing ");

    if ($tmb_id != "")$ext ="where tmbinfo.tmb_id = '$tmb_id' ";
    elseif ($ampinfo_id != "") $ext = " where ampinfo.ampinfo_id = '$ampinfo_id' ";
    elseif ($ampinfo_id == "" && $tmb_id == "") $ext = " where prvinfo.prvinfo_id = '$prvinfo_id' ";

    $sql = "select climate.tmb name, amp name,
prv_name,max_temp,min_temp,annl_rain,annl_evap,msl,lat_long,map_zone,r_season,h_season,soil_type,geo_type
    from climate inner join tmbinfo on climate.tmb_id = tmbinfo.tmb_id
    inner join ampinfo on substring(tmbinfo.tmb_id from 0 for 5) = ampinfo.ampinfo_id
    inner join prvinfo on substring(tmbinfo.tmb_id from 0 for 3) = prvinfo.prvinfo_id
    $ext order by prv_name,amp_name,tmb_name";

// echo "$sql<br><br>";
$rs = pg_Exec($conn, $sql) or die("couldn't execute query");
$dt_result = $rs; $sql_query = $sql;$file = "nwrc_climate.php";

    global $cfgBorder, $cfgBgcolorOne, $cfgBgcolorTwo, $pos, $sql_query;
    global $strTotal,$strPrevious,$strNext,$strPos1,$strEnd,$goto;
    $cfgMaxRows = 15;$cfgMaxPages = 9;

    if (!isset($pos)) $pos = 0; // gen navigator bar
    $pos_next = $pos + $cfgMaxRows; $pos_prev = $pos - $cfgMaxRows;
    $num_rows = @pg_numrows($dt_result); $num_fields = @pg_numfields($dt_result);
    if ($num_rows <= 0) { echo "<center><br><br><br><font color=red><h5>ไม่มีข้อมูล</h5>";exit; }
    $iNumRows = $num_rows;
    if ($num_rows < $pos_next) { $pos_next = $num_rows; }

    $strNavigation .= "<table border=0>\n";
    $strNavigation .= " <td align=left>";

```

```

        if ($pos >= $cfgMaxRows) {
            //doj added link to beginning of results
            $strNavigation .= "<a href=\"$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . urlencode($prvinfo_id) . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=0&goto=$goto\">&lt;&lt; $strPos1 </a> | ";
            $strNavigation .= " <a href=\"$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . urlencode($prvinfo_id) . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=$pos_prev&goto=$goto\">&lt;& $strPrevious </a> | ";
        } else { $strNavigation .= "&nbsp;"; }
        $strNavigation .= "</td>\n"; $strNavigation .= "<td align=center>\n";

        //doj now only the previous and next $cfgMaxPages pages will be shown
        if (empty($cfgMaxPages)) { $cfgMaxPages = 9; }

        $iCount = $pos - ($cfgMaxRows * $cfgMaxPages);
        if ($iCount < 0) $iCount = 0;
        $iPageCnt = (int)($iCount / $cfgMaxRows);
        $iPageStop = $pos + ($cfgMaxRows * ($cfgMaxPages + 1));

        for (; $iCount < $iNumRows && $iCount < $iPageStop; $iCount += $cfgMaxRows) { //doj until here
            $iPageCnt++;
            if ($iCount != $pos) {
                $strPages .= "<a href=\"$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . urlencode($prvinfo_id) . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=$iCount&goto=$goto\">$iPageCnt</a> | ";
            } else {
                if ($iNumRows > $cfgMaxRows) { $strPages .= "$iPageCnt | "; }
            }
        }
        $strNavigation .= ereg_replace(" \\| $", "", $strPages);
        $strNavigation .= "</td>\n"; $strNavigation .= "<td align=right>";
        if ($pos_next < $num_rows) {
            $strNavigation .= " | <a href=\"$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . urlencode($prvinfo_id) . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=$pos_next&goto=$goto\"> $strNext &gt;&gt;</a>";
            //doj link to end of results
            $pos_end = $num_rows - $cfgMaxRows;
            $strNavigation .= " | <a href=\"$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . urlencode($prvinfo_id) . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" .
urlencode($tmb_id) . "&testq_order=" . urlencode($testq_order) . "&pos=$pos_end&goto=$goto\"> $strEnd &gt;&gt;&gt;</a>";
        }
    }
}

```

```

    } else { $strNavigation .= "&nbsp;"; }
    $strNavigation .= "</td>\n"; $strNavigation .= "</table>\n";

    // if ($num_rows > 1) { echo "$strShowingRecords $pos - $pos_next ($num_rows $strTotal)"; } // show number of record
    echo $strNavigation; // show navigator bar
    echo "<table border=$cfgBorder><tr>";
    echo "</tr>\n";
?>
<table border='1' cellpadding=0 width='100%'>
  <tr >
    <td align=center class=header1>ลำดับ</td>
    <td align=center bgcolor='#FF9999' class=header1>ตำแหน่ง</td>
    <td align=center bgcolor='#9999FF' class=header1>คุณหมื่น<br>เฉลี่ยต่ำสุด</td>
    <td align=center bgcolor='#9999FF' class=header1>คุณหมื่น<br>เฉลี่ยสูงสุด</td>
    <td align=center bgcolor='#FF9944' class=header1>ฝนเฉลี่ย (มม./ปี)</td>
    <td align=center bgcolor='#FF9944' class=header1>อัตราการ<br>ระเหย (มม./ปี)</td>
    <td align=center bgcolor='#FF9944' class=header1>ระดับความสูง<br>(ม.รทก.)</td>
    <td align=center bgcolor='#FF9944' class=header1>แผนที่มาตรฐาน 1:50,000<br>พิกัด</td>
    <td align=center bgcolor='#FF9944' class=header1>แผนที่มาตรฐาน 1:50,000<br>แผนที่แนว</td>
    <td align=center bgcolor='#4499FF' class=header1>ฤดูฝน</td>
    <td align=center bgcolor='#4499FF' class=header1>ฤดูแล้ง</td>
    <td align=center bgcolor='#4499FF' class=header1>สภาพดิน</td>
    <td align=center bgcolor='#4499FF' class=header1>สภาพภูมิประเทศ</td>
  </tr>
  <?
    for ($i_row = $pos; $i_row < $pos_next; $i_row++) { // show data
      $row = pg_fetch_row($dt_result, $i_row); unset($primary_key);
      $bgcolor = $cfgBgcolorOne;
      $i_row % 2 ? 0: $bgcolor = $cfgBgcolorTwo;
      echo "<tr bgcolor=$bgcolor>"; $aa = $i_row+1;
      echo "<td align=right valign=top>&nbsp;"; $aa . "&nbsp;";</td>\n";
      for ($i_field = 0; $i_field < pg_numfields($dt_result); $i_field++) {
        //echo "<td align=right valign=top bgcolor='$color'>&nbsp;$row[$i_field]&nbsp;</td>\n";
        if (!isset($row[$i_field])) unset($row[$i_field]);
        $field_type = pg_fieldtype($dt_result, $i_field);
        $field_name = pg_fieldname($dt_result, $i_field);
        if ($i_field <=2) $color="#FFAAAA"; //pink
        elseif ($i_field == 2 || $i_field <=4 )$color="#AAAAFF"; //purple
        elseif ($i_field <= 4 || $i_field <=9 )$color="#FFAA55"; // orange
      }
    }
  </tr>
</table>

```

```

elseif ($i_field > 9 )$color="#55AAFF"; //blue
else $color="";
if ($field_name == "qlty_stat") {
    echo "<td align=left valign=top bgcolor='$color'>&nbsp;";
$stat[$row[$i_field]]."&nbsp;</td>\n";
}
elseif($field_name == "qlty_taste") {
    echo "<td align=left valign=top bgcolor='$color'>&nbsp;";
$taste[$row[$i_field]]."&nbsp;</td>\n";
}
elseif($field_name == "qlty_other") {
    echo "<td align=left valign=top bgcolor='$color'>&nbsp;";
$other[$row[$i_field]]."&nbsp;</td>\n";
}
elseif ($i_field <= 2) {
    if ($i_field == 1) echo "<td valign=top bgcolor='$color'>". " ค." . $row[0] . " จ." . $row[1] .
" จ." . $row[2] . "</td>\n";
}
elseif($field_name == "r_season" || $field_name == "c_season" || $field_name == "h_season" ) {
    if ($row[$i_field] != "" && trim($row[$i_field]) != 0) $mon = $tmontha[date("n",
mktime(0,0,0,(substr($row[$i_field],0,2)+1),0,0))-1] . "-" . $tmontha[date("n",
mktime(0,0,0,(substr($row[$i_field],2,2)+1),0,0))-1] ;
    else $mon = "";
    echo "<td valign=top bgcolor='$color'>". $mon . "&nbsp;</td>\n";
}
elseif ($field_name == "soil_type") {$stype = "";
$a = split(",",$row[$i_field]); for ($v=0;$v<count($a);$v++) { $stype.=
$soil_type[trim($a[$v])] . ", "; }
$stype = substr(trim($stype),0,strlen($stype)-2);
echo "<td align=left valign=top bgcolor='$color'>". $stype . "&nbsp;</td>\n";
}
elseif ($field_name == "geo_type") {$gtype = "";
$a = split(",",$row[$i_field]); for ($v=0;$v<count($a);$v++) { $gtype.=
$geo_type[trim($a[$v])] . ", "; }
$gtype = substr(trim($gtype),0,strlen($gtype)-2);
echo "<td align=left valign=top bgcolor='$color'>". $gtype . "&nbsp;</td>\n";
}

elseif (eregi("int|numeric|float", $field_type)) {

```

```

//
number_format($row[$i_field],0,".",",") . " " . "&nbsp;</td>\n";
        echo "<td align=right valign=top bgcolor='$color'>&nbsp;</td>\n";
    } elseif ($cfgShowBlob == false && eregi("BLOB", $field_type)) {
        echo "<td align=right valign=top bgcolor='$color'>&nbsp;</td>\n";
    } elseif (eregi("text|char", $field_type)) {
        // If the text is longer than $cfgMaxText characters, let's cut it short
        if (strlen($row[$i_field]) > $cfgMaxText && !empty($cfgMaxText)) {
            $strLgText = nl2br(htmlspecialchars(substr($row[$i_field], 0, $cfgMaxText))) . "
<br><b>... $strMore ...</b>";
        } else {
            $strLgText = nl2br(htmlspecialchars($row[$i_field]));
        }
        echo "<td valign=top bgcolor='$color'>&nbsp;$strLgText</td>\n";
    } elseif ($field_type == "bool") {
        echo "<td valign=top>&nbsp;</td>\n";
    } else {
        echo "<td valign=top>&nbsp;</td>\n";
    }
}
}
echo "</table>\n";
echo $strNavigation; // show navigator bar
pgclose($conn);

?>
</body>
</html>
*****

```

ชื่อโปรแกรม : nwrc_dwll.php

คำอธิบาย : รายงานข้อมูลพื้นฐานการจัดการทรัพยากรน้ำระดับตำบล ข้อมูลแหล่งน้ำที่ก่อสร้างขึ้น บ่อบาดาล (บ่อมือโยก, บ่อสูบที่ไม่ใช่ประปาหมู่บ้าน) โดยเลือกจังหวัด อำเภอ และตำบล โปรแกรมจะทำการค้นหาข้อมูลจากฐานข้อมูล และแสดงผลรายงาน

```
<?
#####
#           NECTEC -- High Performance Computing Research and Development  Division --
#
# VERSION:      1
# PROJECT:      TIWRM
# FILENAME:     nwrc_dwll.php
# AUTHOR(S):    Thitiporn Meeprasert
# PURPOSE:      report sum river data of water resource management
#
# CMD LINE ARG: none
# INPUT:
# OUTPUT:
# DATE CREATED:
# HISTORY:
#
#####
# ***** Main Script *****
#####
#
# GLOBAL VARS:
# MODIFIED:
#
#####
include("config.php");
?>
<html>
<head>
<title>สรุปข้อมูลพื้นฐานการจัดการทรัพยากรน้ำระดับตำบล ข้อมูลแหล่งน้ำที่ก่อสร้างขึ้น บ่อบาดาล (บ่อมือโยก, บ่อสูบที่ไม่ใช่ประปาหมู่บ้าน)</title>
<META name='Author' content='<?= $author ?>'><META name='Author' content='<?= $author1 ?>'>
<META NAME='description' CONTENT=''>
<META NAME='keywords' CONTENT=''>
<META http-equiv='Content-Type' content='text/html; charset=TIS-620'>
<style type="text/css">
<!--
    .header1 { font-family: Arial, Helvetica, sans-serif; font-size: 8pt; font-weight: bold }
    td      { font-family: Arial, Helvetica, sans-serif; font-size: 8pt;}
```

```

-->
</style>
</head>
<body>
<form name=form1 method=post action=nwrc_dwell.php>
<center>สรุปข้อมูลพื้นฐานการจัดการทรัพยากรน้ำระดับตำบล<br><br></center>
<u>ข้อมูลแหล่งน้ำที่ก่อสร้างขึ้น บ่อบาดาล (บ่อมือโยก, บ่อสูบที่ไม่ใช้ประปาหมู่บ้าน)</u>
<?
    $conn =pg_connect("host=dbms port=5432 user=guest password=**** dbname=nwrc")or die("couldn't make connection");
    if (!$conn) error_log("Unable to open while processing ");

    if ($tmb_id != "") $ext = " where tmbinfo.tmb_id = '$tmb_id' ";
    elseif ($ampinfo_id != "") $ext = " where ampinfo.ampinfo_id = '$ampinfo_id' ";
    elseif ($ampinfo_id == "" && $tmb_id == "") $ext = " where prvinfo.prvinfo_id = '$prvinfo_id' ";

    $sql = "select dwell_name,tmb_name, amp_name,
prv_name,agency_id,yr_create,qlty_stat,qlty_taste,qlty_other,dwell_type,dwell_stat,na_code,n_fmly_csm,n_rai_rain,n_rai_dry,n_fmly
_ind,n_fmly_fsh
    from dwell inner join tmbinfo on dwell.tmb_id = tmbinfo.tmb_id
    inner join ampinfo on substring(tmbinfo.tmb_id from 0 for 5) = ampinfo.ampinfo_id
    inner join prvinfo on substring(tmbinfo.tmb_id from 0 for 3) = prvinfo.prvinfo_id
    $ext order by prv_name,amp_name,tmb_name,dwell_name";

// echo "$sql<br><br>";
$rs = pg_Exec($conn, $sql) or die("couldn't execute query");
$dt_result = $rs; $sql_query = $sql;$file = "nwrc_dwell.php";

    global $cfgBorder, $cfgBgcolorOne, $cfgBgcolorTwo, $pos, $sql_query;
    global $strTotal,$strPrevious,$strNext,$strPos1,$strEnd,$goto;
    $cfgMaxRows = 15;$cfgMaxPages = 9;

    if (!isset($pos)) $pos = 0; // gen navigator bar
    $pos_next = $pos + $cfgMaxRows; $pos_prev = $pos - $cfgMaxRows;
    $num_rows = @pg_numrows($dt_result); $num_fields = @pg_numfields($dt_result);
    if ($num_rows <= 0) { echo "<center><br><br><font color=red><h5>ไม่มีข้อมูล</h5>";exit; }
    $iNumRows = $num_rows;
    if ($num_rows < $pos_next) { $pos_next = $num_rows; }

    $strNavigation .= "<table border=0>\n";

```

```

$strNavigation .= "<td align=left>";
if ($pos >= $cfgMaxRows) {
    //doj added link to beginning of results
    $strNavigation .= "<a href=\"$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . urlencode($prvinfo_id) . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=0&goto=$goto\">&lt;&lt; $strPos1 </a> | ";
    $strNavigation .= " <a href=\"$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . urlencode($prvinfo_id) . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=$pos_prev&goto=$goto\">&lt; $strPrevious </a> | ";
} else { $strNavigation .= "&nbsp;"; }
$strNavigation .= "</td>\n"; $strNavigation .= "<td align=center>\n";

//doj now only the previous and next $cfgMaxPages pages will be shown
if (empty($cfgMaxPages)) { $cfgMaxPages = 9; }

$iCount = $pos - ($cfgMaxRows * $cfgMaxPages);
if ($iCount < 0) $iCount = 0;
$iPageCnt = (int)($iCount / $cfgMaxRows);
$iPageStop = $pos + ($cfgMaxRows * ($cfgMaxPages + 1));

for (; $iCount < $iNumRows && $iCount < $iPageStop; $iCount += $cfgMaxRows) { //doj until here
    $iPageCnt++;
    if ($iCount != $pos) {
        $strPages .= "<a href=\"$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . $prvinfo_id . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=$iCount&goto=$goto\">$iPageCnt</a> | ";
    } else {
        if ($iNumRows > $cfgMaxRows) { $strPages .= "$iPageCnt | "; }
    }
}
$strNavigation .= ereg_replace(" \\| $", "", $strPages);
$strNavigation .= "</td>\n"; $strNavigation .= "<td align=right>";
if ($pos_next < $num_rows) {
    $strNavigation .= " | <a href=\"$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . $prvinfo_id . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=$pos_next&goto=$goto\"> $strNext &gt;</a>";
    //doj link to end of results
    $pos_end = $num_rows - $cfgMaxRows;
}

```

```

        $strNavigation .= " | <a href=\"\$file?server=$server&db=$db&table=$table&sql_query=".urlencode($sql_query) .
"&prvinfo_id=" . $prvinfo_id . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id)
."&testq_order=".urlencode($testq_order)."&pos=$pos_end&goto=$goto\"> $strEnd &gt;&gt;</a>";
    } else { $strNavigation .= "&nbsp;"; }
    $strNavigation .= "</td>\n"; $strNavigation .= "</table>\n";

    // if ($num_rows > 1) { echo "$strShowingRecords $pos - $pos_next ($num_rows $strTotal)"; } // show number of record
    echo $strNavigation; // show navigator bar
    echo "<table border=$cfgBorder><tr>";
    echo "</tr>\n";
?>
<table border='1' cellspacing=0 width='100%'>
<tr >
<td align=center class=header1>ลำดับ</td>
<td align=center bgcolor='#FF9999' class=header1>รหัส/ชื่อบุคลากร</td>
<td align=center bgcolor='#FF9999' class=header1>ตำแหน่ง</td>
<td align=center bgcolor='#9999FF' class=header1>หน่วยงาน<br>ที่รับ<br>ผิดชอบ</td>
<td align=center bgcolor='#9999FF' class=header1>ปีที่เข้าแล้สร้าง</td>
<td align=center bgcolor='#FF9944' class=header1>สภาพ</td>
<td align=center bgcolor='#FF9944' class=header1>รหัส</td>
<td align=center bgcolor='#FF9944' class=header1>อื่นๆ</td>
<td align=center bgcolor='#FF9944' class=header1>ชนิดของบ่อ</td>
<td align=center bgcolor='#FF9944' class=header1>สภาพปัจจุบัน</td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>อุปโภค-บริโภค<br>(ครัวเรือน) </td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การเพาะปลูกใน<br>ฤดูฝน (ไร่) </td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การเพาะปลูกใน<br>ฤดูแล้ง (ไร่) </td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>อุตสาหกรรม<br>ในครัวเรือน<br>(ครัวเรือน) <br></td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การประมง<br>เลี้ยงสัตว์<br>(ครัวเรือน) <br></td>
</tr>
<?
    for ($i_row = $pos; $i_row < $pos_next; $i_row++){ // show data
        $row = pg_fetch_row($dt_result, $i_row); unset($primary_key);
        $bgcolor = $cfgBgcolorOne;
        $i_row % 2 ? 0: $bgcolor = $cfgBgcolorTwo;
        echo "<tr bgcolor=$bgcolor>"; $aa = $i_row+1;
        echo "<td align=right valign=top>&nbsp;"; $aa . "&nbsp;"; </td>\n";
        for ($i_field = 0; $i_field < pg_numfields($dt_result); $i_field++) {
            //echo "<td align=right valign=top bgcolor='$color'>&nbsp;$row[$i_field]&nbsp;</td>\n";

```

```

if (!isset($row[$i_field])) unset($row[$i_field]);
$field_type = pg_fieldtype($dt_result, $i_field);
$field_name = pg_fieldname($dt_result, $i_field);
if ($i_field <= 2) $color="#FFAAAA"; //pink
elseif ($i_field == 2 || $i_field <=5 )$color="#AAAAFF"; //purple
elseif ($i_field <= 6 || $i_field <=10 )$color="#FFAA55"; // orange
elseif ($i_field > 10)$color="#55AAFF"; //blue
else $color="";
if ($field_name == "agency_id") {$agen = "";
    $a = split(",", $row[$i_field]); for ($v=0;$v<count($a);$v++) { $agen .=
$dwel_agen[trim($a[$v])] . ", "; }
    $agen = substr(trim($agen),0,strlen($agen)-2);
    echo "<td align=left valign=top bgcolor='$color'>". $agen . "&nbsp;</td>\n";
}
elseif ($field_name == "wsr_ode") {
    echo "<td align=left valign=top bgcolor='$color'>&nbsp;</td>\n";
$wsr[$row[$i_field]]. "&nbsp;</td>\n";
}
elseif ($field_name == "supply_sys") {
    echo "<td align=left valign=top bgcolor='$color'>&nbsp;</td>\n";
$supply[$row[$i_field]]. "&nbsp;</td>\n";
}
elseif ($field_name == "qlty_stat") {
    echo "<td align=left valign=top bgcolor='$color'>&nbsp;</td>\n";
$stat[$row[$i_field]]. "&nbsp;</td>\n";
}
elseif ($field_name == "qlty_taste") {
    echo "<td align=left valign=top bgcolor='$color'>&nbsp;</td>\n";
$taste[$row[$i_field]]. "&nbsp;</td>\n";
}
elseif ($field_name == "qlty_ther") {
    echo "<td align=left valign=top bgcolor='$color'>&nbsp;</td>\n";
$ther[$row[$i_field]]. "&nbsp;</td>\n";
}
elseif ($field_name == "dwel_type") {
    echo "<td align=left valign=top bgcolor='$color'>&nbsp;</td>\n";
$dwel_type[$row[$i_field]]. "&nbsp;</td>\n";
}
elseif ($field_name == "dwel_stat" || $field_name == "na_ode") {

```

```

        if ($field_name == "dwell_stat") { $dsta = ""; $a = split(",", $row[$i_field]);
            for ($v=0; $v<count($a); $v++) { if (trim($a[$v]) != "") $dsta .= $status[trim($a[$v])] .
", "; }

            $dsta = substr(trim($dsta), 0, strlen(trim($dsta))-1);
            echo "<td align=left valign=top bgcolor='$color'>". $dsta . " " . $dwell_na[$row[11]] .
"&nbsp;</td>\n";

        }
    }
elseif ($i_field == 0 ) {
    echo "<td valign=top bgcolor='$color'>$row[$i_field]&nbsp;</td>\n";
}
elseif ($i_field <= 1 || $i_field <= 3) {
    if ($i_field == 1) echo "<td valign=top bgcolor='$color'>". " ค." . $row[1] . " อ." . $row[2] .
" จ." . $row[3] . "</td>\n";
}
elseif (eregi("int|numeric|float", $field_type)) {
    //
    number_format($row[$i_field], 0, ".", ",", " ") . "&nbsp;</td>\n";
    echo "<td align=right valign=top bgcolor='$color'>&nbsp;  ". $row[$i_field] . "&nbsp;</td>\n";
} elseif ($cfgShowBlob == false && eregi("BLOB", $field_type)) {
    echo "<td align=right valign=top bgcolor='$color'>&nbsp;  [BLOB]&nbsp;</td>\n";
} elseif (eregi("text|char", $field_type)) {
    // If the text is longer than $cfgMaxText characters, let's cut it short
    if (strlen($row[$i_field]) > $cfgMaxText && !empty($cfgMaxText)) {
        $strLgText = nl2br(htmlspecialchars(substr($row[$i_field], 0, $cfgMaxText))) . "
<br><b>... $strMore ...</b>";
    } else {
        $strLgText = nl2br(htmlspecialchars($row[$i_field]));
    }
    echo "<td valign=top bgcolor='$color'>&nbsp;  $strLgText</td>\n";
} elseif ($field_type == "bool") {
    echo "<td valign=top>&nbsp;  ". bool_YesNo($row[$i_field]), "&nbsp;</td>\n";
} else {
    echo "<td valign=top>&nbsp;  ". nl2br(htmlspecialchars($row[$i_field])), "&nbsp;</td>\n";
}
}
}
echo "</table>\n";
echo $strNavigation; // show navigator bar
pgclose($conn);

```

```
?>
</body>
</html>
*****
```

```

ชื่อโปรแกรม : nwrc_dwgate.php
คำอธิบาย : รายงานข้อมูลพื้นฐานการจัดการทรัพยากรน้ำระดับตำบล ตำบล ข้อมูลแหล่งน้ำที่ก่อสร้างขึ้น เชื่อนทหน้า/ประตุนบายน้ำ โดยเลือกจังหวัด อำเภอ และตำบล โปรแกรมจะทำการค้นหาข้อมูลจากฐานข้อมูล และแสดงผลรายงาน
*****
<?
#####
# NECTEC -- High Performance Computing Research and Development Division --
#
# VERSION: 1
# PROJECT: TIWRM
# FILENAME: nwrc_dwgate.php
# AUTHOR(S): Thitiporn Meeprasert
# PURPOSE: report sum river data of water resource management
#
# CMD LINE ARG: none
# INPUT:
# OUTPUT:
# DATE CREATED:
# HISTORY:
#
#####
# ***** Main Script *****
#####
#
# GLOBAL VARS:
# MODIFIED:
#
#####
include("config.php");
?>
<html>
<head>
<title>สรุปข้อมูลพื้นฐานการจัดการทรัพยากรน้ำระดับตำบล ตำบล ข้อมูลแหล่งน้ำที่ก่อสร้างขึ้น เชื่อนทหน้า/ประตุนบายน้ำ</title>
<META name='Author' content='<?= $author ?>'><META name='Author' content='<?= $author1 ?>'>
<META NAME='description' CONTENT=''>
<META NAME='keywords' CONTENT=''>
<META http-equiv='Content-Type' content='text/html; charset=TIS-620'>
<style type="text/css">
<!--
.header1 { font-family: Arial, Helvetica, sans-serif; font-size: 8pt; font-weight: bold }
td { font-family: Arial, Helvetica, sans-serif; font-size: 8pt;}

```

```

-->
</style>
</head>
<body>
<form name=form1 method=post action=nwrc_dwgate.php>
<center>สรุปข้อมูลพื้นฐานการจัดการทรัพยากรน้ำระดับตำบล<br><br></center>
<u>ข้อมูลแหล่งน้ำที่ก่อสร้างขึ้น เชื่อมท่อน้ำประจําหมู่บ้าน</u>
<?
    $conn =pg_connect("host=dbms port=5432 user=guest password=**** dbname=nwrc")or die("couldn't make connection");
    if (!$conn) error_log("Unable to open while processing ");

    if ($tmb_id != "") $ext = " where tmbinfo.tmb_id = '$tmb_id' ";
    elseif ($ampinfo_id != "") $ext = " where ampinfo.ampinfo_id = '$ampinfo_id' ";
    elseif ($ampinfo_id == "" && $tmb_id == "") $ext = " where prvinfo.prvinfo_id = '$prvinfo_id' ";

    $sql = "select prj_name,tmb_name, amp_name,
prv_name,agency_id,wsrc_code,st_create,end_create,width,height,supply_sys,qlty_stat,qlty_taste,qlty_other,wrs_stat,na_code,n_fmly
_csm,n_rai_rain,n_rai_dry,n_fmly_ind,n_fmly_fsh
    from dwgate inner join tmbinfo on dwgate.tmb_id = tmbinfo.tmb_id
    inner join ampinfo on substring(tmbinfo.tmb_id from 0 for 5) = ampinfo.ampinfo_id
    inner join prvinfo on substring(tmbinfo.tmb_id from 0 for 3) = prvinfo.prvinfo_id
    $ext order by prv_name,amp_name,tmb_name,prj_name";

// echo "$sql<br><br>";
$rs = pg_Exec($conn, $sql) or die("couldn't execute query");
$dt_result = $rs; $sql_query = $sql;$file = "nwrc_dwgate.php";

    global $cfgBorder, $cfgBgcolorOne, $cfgBgcolorTwo, $pos, $sql_query;
    global $strTotal,$strPrevious,$strNext,$strPos1,$strEnd,$goto;
    $cfgMaxRows = 15;$cfgMaxPages = 9;

    if (!isset($pos)) $pos = 0; // gen navigator bar
    $pos_next = $pos + $cfgMaxRows; $pos_prev = $pos - $cfgMaxRows;
    $num_rows = @pg_numrows($dt_result); $num_fields = @pg_numfields($dt_result);
    if ($num_rows <= 0) { echo "<center><br><br><font color=red><h5>ไม่มีข้อมูล</h5>";exit; }
    $iNumRows = $num_rows;
    if ($num_rows < $pos_next) { $pos_next = $num_rows; }

    $strNavigation .= "<table border=0>\n";

```

```

$strNavigation .= "<td align=left>";
if ($pos >= $cfgMaxRows) {
    //doj added link to beginning of results
    $strNavigation .= "<a href=\"\$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . urlencode($prvinfo_id) . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=0&goto=$goto\">&lt;&lt; $strPos1 </a> | ";
    $strNavigation .= " <a href=\"\$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . urlencode($prvinfo_id) . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=$pos_prev&goto=$goto\">&lt; $strPrevious </a> | ";
} else { $strNavigation .= "&nbsp;"; }
$strNavigation .= "</td>\n"; $strNavigation .= "<td align=center>\n";

//doj now only the previous and next $cfgMaxPages pages will be shown
if (empty($cfgMaxPages)) { $cfgMaxPages = 9; }

$iCount = $pos - ($cfgMaxRows * $cfgMaxPages);
if ($iCount < 0) $iCount = 0;
$iPageCnt = (int)($iCount / $cfgMaxRows);
$iPageStop = $pos + ($cfgMaxRows * ($cfgMaxPages + 1));

for (; $iCount < $iNumRows && $iCount < $iPageStop; $iCount += $cfgMaxRows) { //doj until here
    $iPageCnt++;
    if ($iCount != $pos) {
        $strPages .= "<a href=\"\$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . $prvinfo_id . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=$iCount&goto=$goto\">$iPageCnt</a> | ";
    } else {
        if ($iNumRows > $cfgMaxRows) { $strPages .= "$iPageCnt | "; }
    }
}
$strNavigation .= ereg_replace(" \\| $", "", $strPages);
$strNavigation .= "</td>\n"; $strNavigation .= "<td align=right>";
if ($pos_next < $num_rows) {
    $strNavigation .= " | <a href=\"\$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . $prvinfo_id . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=$pos_next&goto=$goto\"> $strNext &gt;</a>";
    //doj link to end of results
    $pos_end = $num_rows - $cfgMaxRows;
}

```

```

        $strNavigation .= " | <a href=\"$file?server=$server&db=$db&table=$table&sql_query=".urlencode($sql_query) .
"&prvinfo_id=" . $prvinfo_id . "&aminfo_id=" . urlencode($aminfo_id) . "&tmb_id=" . urlencode($tmb_id)
."&testq_order=".urlencode($testq_order)."&pos=$pos_end&goto=$goto\"> $strEnd &gt;&gt;</a>";
    } else { $strNavigation .= "&nbsp;"; }
    $strNavigation .= "</td>\n"; $strNavigation .= "</table>\n";

    // if ($num_rows > 1) { echo "$strShowingRecords $pos - $pos_next ($num_rows $strTotal)"; } // show number of record
    echo $strNavigation; // show navigator bar
    echo "<table border=$cfgBorder><tr>";
    echo "</tr>\n";
?>
<table border='1' cellpadding=0 width='100%'>
<tr >
    <td align=center class=header1>ลำดับ</td>
    <td align=center bgcolor='#FF9999' class=header1>ชื่อโครงการ</td>
    <td align=center bgcolor='#FF9999' class=header1>ตำแหน่ง</td>
    <td align=center bgcolor='#9999FF' class=header1>หน่วยงาน<br>ที่รับ<br>คิดขอบ</td>
    <td align=center bgcolor='#9999FF' class=header1>แหล่งน้ำ<br>ของ<br>โครงการสูบน้ำ<br>ด้วยไฟฟ้า</td>
    <td align=center bgcolor='#9999FF' class=header1>ระยะเวลา<br>เริ่มต้น<br>ก่อสร้าง พ.ศ.)</td>
    <td align=center bgcolor='#9999FF' class=header1>ระยะเวลา<br>ก่อสร้าง<br>เสร็จ (พ.ศ.)</td>
    <td align=center bgcolor='#9999FF' class=header1>กว้าง (ม.)</td>
    <td align=center bgcolor='#9999FF' class=header1>สูง (ม.)</td>
    <td align=center bgcolor='#FF9944' class=header1>ระบบส่งน้ำ</td>
    <td align=center bgcolor='#FF9944' class=header1>สภาพ</td>
    <td align=center bgcolor='#FF9944' class=header1>รหัส</td>
    <td align=center bgcolor='#FF9944' class=header1>อื่นๆ</td>
    <td align=center bgcolor='#FF9944' class=header1>สภาพปัจจุบัน</td>
    <td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>อุปโภค-บริโภค<br>(ครัวเรือน) </td>
    <td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การเพาะปลูกใน<br>ฤดูฝน (ไร่)</td>
    <td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การเพาะปลูกใน<br>ฤดูแล้ง (ไร่)</td>
    <td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>อุตสาหกรรม<br>ในครัวเรือน<br>(ครัวเรือน) <br></td>
    <td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การประมง<br>เลี้ยงสัตว์<br>(ครัวเรือน) <br></td>
</tr>
<?
    for ($i_row = $pos; $i_row < $pos_next; $i_row++) { // show data
        $row = pg_fetch_row($dt_result, $i_row); unset($primary_key);
        $bgcolor = $cfgBgcolorOne;
        $i_row % 2 ? 0: $bgcolor = $cfgBgcolorTwo;

```

```

echo "<tr bgcolor=$bgcolor>"; $aa = $i_row+1;
echo "<td align=right valign=top>&nbsp;"; $aa . "&nbsp;";</td>\n";
for ($i_field = 0; $i_field < pg_numfields($dt_result); $i_field++) {
    //echo "<td align=right valign=top bgcolor='$color'>&nbsp;$row[$i_field]&nbsp;";</td>\n";
    if (!isset($row[$i_field])) unset($row[$i_field]);
    $field_type = pg_fieldtype($dt_result, $i_field);
    $field_name = pg_fieldname($dt_result, $i_field);
    if ($i_field <= 2) $color="#FFAAAA"; //pink
    elseif ($i_field == 2 || $i_field <=9 )$color="#AAAAFF"; //purple
    elseif ($i_field <= 10 || $i_field <=14 )$color="#FFAA55"; // orange
    elseif ($i_field > 14 )$color="#55AAFF"; //blue
    else $color="";
    if ($field_name == "agency_id") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;";
$agency[$row[$i_field]]."&nbsp;";</td>\n";
    }
    elseif ($field_name == "wsrc_code") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;";
$wsrc[$row[$i_field]]."&nbsp;";</td>\n";
    }
    elseif ($field_name == "supply_sys") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;";
$supply[$row[$i_field]]."&nbsp;";</td>\n";
    }

    elseif ($field_name == "qlty_stat") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;";
$stat[$row[$i_field]]."&nbsp;";</td>\n";
    }
    elseif($field_name == "qlty_taste") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;";
$taste[$row[$i_field]]."&nbsp;";</td>\n";
    }
    elseif($field_name == "qlty_other") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;";
$other[$row[$i_field]]."&nbsp;";</td>\n";
    }
    elseif ($field_name == "wrs_stat" || $field_name == "na_code") {
        if ($field_name == "wrs_stat") echo "<td align=left valign=top bgcolor='$color'>&nbsp;";
$status[$row[$i_field]]. " " . $dwgate_na[$row[15]] . "&nbsp;";</td>\n";
    }
}
}

```



```

ชื่อโปรแกรม : nwrc_floods.php
คำอธิบาย : รายงานข้อมูลพื้นฐานการจัดการทรัพยากรน้ำระดับตำบล สภาพน้ำท่วม โดยเลือกจังหวัด อำเภอ และตำบล โปรแกรมจะทำการค้นหาข้อมูลจากฐานข้อมูล และแสดงผลรายงาน
*****
<?
#####
# NECTEC -- High Performance Computing Research and Development Division --
#
# VERSION: 1
# PROJECT: TIWRM
# FILENAME: nwrc_floods.php
# AUTHOR(S): Thitiporn Meeprasert
# PURPOSE: report sum river data of water resource management
#
# CMD LINE ARG: none
# INPUT:
# OUTPUT:
# DATE CREATED:
# HISTORY:
#
#####
# ***** Main Script *****
#####
#
# GLOBAL VARS:
# MODIFIED:
#
#####
include("config.php");
?>
<html>
<head>
<title>สรุปข้อมูลพื้นฐานการจัดการทรัพยากรน้ำระดับตำบล สภาพน้ำท่วม</title>
<META name='Author' content='<?= $author ?>'><META name='Author' content='<?= $author1 ?>'>
<META NAME='description' CONTENT=''>
<META NAME='keywords' CONTENT=''>
<META http-equiv='Content-Type' content='text/html; charset=TIS-620'>
<style type="text/css">
<!--
.header1 { font-family: Arial, Helvetica, sans-serif; font-size: 8pt; font-weight: bold }
td { font-family: Arial, Helvetica, sans-serif; font-size: 8pt;}

```

```

-->
</style>
</head>
<body>
<form name=form1 method=post action=nwrc_floods.php>
<center>สรุปข้อมูลพื้นฐานการจัดการทรัพยากรน้ำระดับตำบล<br><br></center>
<u>สภาพน้ำท่วม</u>
<?
    $conn = pg_connect("host=dbms port=5432 user=guest password=**** dbname=nwrc") or die("couldn't make connection");
    if (!$conn) error_log("Unable to open while processing ");

    if ($tmb_id != "") $ext = " where tmbinfo.tmb_id = '$tmb_id' ";
    elseif ($ampinfo_id != "") $ext = " where ampinfo.ampinfo_id = '$ampinfo_id' ";
    elseif ($ampinfo_id == "" && $tmb_id == "") $ext = " where prvinfo.prvinfo_id = '$prvinfo_id' ";

    $sql = "select tmb_name, amp_name,
prv_name,n_rai_earn,n_rai_live,ruin_earn,ruin_live,fprd_earn,fprd_live,sphlp_earn,sphlp_live,lphlp_earn,lphlp_live,swhlp_earn,swh
lp_live,lwhlp_earn,lwhlp_live
    from floods inner join tmbinfo on floods.tmb_id = tmbinfo.tmb_id
    inner join ampinfo on substring(tmbinfo.tmb_id from 0 for 5) = ampinfo.ampinfo_id
    inner join prvinfo on substring(tmbinfo.tmb_id from 0 for 3) = prvinfo.prvinfo_id
    $ext order by prv_name,amp_name,tmb_name";

// echo "$sql<br><br>";
$rs = pg_Exec($conn, $sql) or die("couldn't execute query");
$dt_result = $rs; $sql_query = $sql;$file = "nwrc_floods.php";

global $cfgBorder, $cfgBgcolorOne, $cfgBgcolorTwo, $pos, $sql_query;
global $strTotal,$strPrevious,$strNext,$strPos1,$strEnd,$goto;
$cfgMaxRows = 15;$cfgMaxPages = 9;

if (!isset($pos)) $pos = 0; // gen navigator bar
$pos_next = $pos + $cfgMaxRows; $pos_prev = $pos - $cfgMaxRows;
$num_rows = @pg_numrows($dt_result); $num_fields = @pg_numfields($dt_result);
if ($num_rows <= 0) { echo "<center><br><br><font color=red><h5>ไม่มีข้อมูล</h5>";exit; }
$iNumRows = $num_rows;
if ($num_rows < $pos_next) { $pos_next = $num_rows; }

$strNavigation .= "<table border=0>\n";
$strNavigation .= "<td align=left>";

```

```

        if ($pos >= $cfgMaxRows) { //doj added link to beginning of results
            $strNavigation .= "<a href=\"$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . urlencode($prvinfo_id) . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=0&goto=$goto\">&lt;&lt; $strPos1 </a> | ";
            $strNavigation .= " <a href=\"$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . urlencode($prvinfo_id) . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=$pos_prev&goto=$goto\">&lt; $strPrevious </a> | ";
        } else { $strNavigation .= "&nbsp;"; }
        $strNavigation .= "</td>\n"; $strNavigation .= "<td align=center>\n";

        //doj now only the previous and next $cfgMaxPages pages will be shown
        if (empty($cfgMaxPages)) { $cfgMaxPages = 9; }

        $iCount = $pos - ($cfgMaxRows * $cfgMaxPages);
        if ($iCount < 0) $iCount = 0;
        $iPageCnt = (int)($iCount / $cfgMaxRows);
        $iPageStop = $pos + ($cfgMaxRows * ($cfgMaxPages + 1));

        for (; $iCount < $iNumRows && $iCount < $iPageStop; $iCount += $cfgMaxRows) { //doj until here
            $iPageCnt++;
            if ($iCount != $pos) {
                $strPages .= "<a href=\"$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . $prvinfo_id . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=$iCount&goto=$goto\">$iPageCnt</a> | ";
            } else {
                if ($iNumRows > $cfgMaxRows) { $strPages .= "$iPageCnt | "; }
            }
        }
        $strNavigation .= ereg_replace(" \| $", "", $strPages);
        $strNavigation .= "</td>\n"; $strNavigation .= "<td align=right>";
        if ($pos_next < $num_rows) {
            $strNavigation .= " | <a href=\"$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . $prvinfo_id . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=$pos_next&goto=$goto\"> $strNext &gt;&gt;</a>";
            //doj link to end of results
            $pos_end = $num_rows - $cfgMaxRows;
            $strNavigation .= " | <a href=\"$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . $prvinfo_id . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=$pos_end&goto=$goto\"> $strEnd &gt;&gt;&gt;</a>";
        } else { $strNavigation .= "&nbsp;"; }
    }

```

```

$strNavigation .= "</td>\n"; $strNavigation .= "</table>\n";

// if ($num_rows > 1) { echo "$strShowingRecords $pos - $pos_next ($num_rows $strTotal)"; } // show number of record
echo $strNavigation; // show navigator bar
echo "<table border=$cfgBorder><tr>";
echo "</tr>\n";
?>
<table border='1' cellpadding=0 width='100%'>
<tr >
<td align=center class=header1>ลำดับ</td>
<td align=center bgcolor='#FF9999' class=header1>ตำแหน่ง</td>
<td align=center bgcolor='#9999FF' class=header1>สภาพ<br>น้ำท่วม<br>พื้นที่ทำกิน<br>(ไร่)
<td align=center bgcolor='#9999FF' class=header1>สภาพ<br>น้ำท่วม<br>ที่อยู่อาศัย<br>(ไร่)
<td align=center bgcolor='#9999FF' class=header1>ระดับความ<br>เสียหาย<br>พื้นที่ทำกิน
<td align=center bgcolor='#9999FF' class=header1>ระดับความ<br>เสียหาย<br>ที่อยู่อาศัย
<td align=center bgcolor='#9999FF' class=header1>ระยะเวลา<br>ช่วงน้ำท่วม<br>พื้นที่ทำกิน
<td align=center bgcolor='#9999FF' class=header1>ระยะเวลา<br>ช่วงน้ำท่วม<br>ที่อยู่อาศัย
<td align=center bgcolor='#FFAA55' class=header1>การช่วยเหลือ<br>ระยะสั้น<br>พื้นที่ทำกิน<br>ที่ผ่านมา</td>
<td align=center bgcolor='#FFAA55' class=header1>การช่วยเหลือ<br>ระยะสั้น<br>ที่อยู่อาศัย<br>ที่ผ่านมา</td>
<td align=center bgcolor='#FFAA55' class=header1>การช่วยเหลือ<br>ระยะยาว<br>พื้นที่ทำกิน<br>ที่ผ่านมา</td>
<td align=center bgcolor='#FFAA55' class=header1>การช่วยเหลือ<br>ระยะยาว<br>ที่อยู่อาศัย<br>ที่ผ่านมา</td>
<td align=center bgcolor='#4499FF' class=header1>การช่วยเหลือ<br>ระยะสั้น<br>พื้นที่ทำกิน<br>ที่ต้องการ</td>
<td align=center bgcolor='#4499FF' class=header1>การช่วยเหลือ<br>ระยะสั้น<br>ที่อยู่อาศัย<br>ที่ต้องการ</td>
<td align=center bgcolor='#4499FF' class=header1>การช่วยเหลือ<br>ระยะยาว<br>พื้นที่ทำกิน<br>ที่ต้องการ</td>
<td align=center bgcolor='#4499FF' class=header1>การช่วยเหลือ<br>ระยะยาว<br>ที่อยู่อาศัย<br>ที่ต้องการ</td>

</tr>
<?
for ($i_row = $pos; $i_row < $pos_next; $i_row++) { // show data
$row = pg_fetch_row($dt_result, $i_row); unset($primary_key);
$bgcolor = $cfgBgcolorOne;
$i_row % 2 ? 0: $bgcolor = $cfgBgcolorTwo;
echo "<tr bgcolor=$bgcolor>"; $aa = $i_row+1;
echo "<td align=right valign=top>&nbsp;  "; $aa . "&nbsp;  ";</td>\n";
for ($i_field = 0; $i_field < pg_numfields($dt_result); $i_field++) {
//echo "<td align=right valign=top bgcolor='$color'>&nbsp;  $row[$i_field]&nbsp;  ";</td>\n";
if (!isset($row[$i_field])) unset($row[$i_field]);
$field_type = pg_fieldtype($dt_result, $i_field);

```

```

$field_name = pg_fieldname($dt_result, $i_field);
if ($i_field == 1) $color="#FFAAAA"; //pink
elseif ($i_field == 2 || $i_field <=8 )$color="#AAAAFF"; //purple
elseif ($i_field <= 9 || $i_field <=12 )$color="#FFAA55"; // orange
elseif ($i_field > 12)$color="#55AAFF"; //blue
else $color="";
if ($i_field <=2 ) {
    if ($i_field == 1) echo "<td valign=top bgcolor='$color'>a." . $row[0] . " a." . $row[1] . "
a." . $row[2] . "&nbsp;</td>\n";
}
elseif($field_name == "fprd_earn") {
    if ($row[$i_field] != "" && trim($row[$i_field]) != 0) $mon = $tmontha[date("n",
mktime(0,0,0,(substr($row[$i_field],0,2)+1),0,0))-1] . "-" . $tmontha[date("n",
mktime(0,0,0,(substr($row[$i_field],2,2)+1),0,0))-1] ;
    else $mon = "";
    echo "<td valign=top bgcolor='$color'>". $mon . "&nbsp;</td>\n";
}
elseif($field_name == "fprd_live") {
    if ($row[$i_field] != "" && trim($row[$i_field]) != 0) $mon = $tmontha[date("n",
mktime(0,0,0,(substr($row[$i_field],0,2)+1),0,0))-1] . "-" . $tmontha[date("n",
mktime(0,0,0,(substr($row[$i_field],2,2)+1),0,0))-1] ;
    else $mon = "";
    echo "<td valign=top bgcolor='$color'>". $mon . "&nbsp;</td>\n";
}
elseif ($field_name == "ruin_earn" || $field_name == "ruin_live") {
    echo "<td align=left valign=top bgcolor='$color'>". $level[trim($row[$i_field])]
.&nbsp;</td>\n";
}
elseif ($field_name == "sphlp_earn") {$sphlp_csm = "";
$a = split(",", $row[$i_field]); for ($v=0;$v<count($a);$v++) { $sphlp_csm.=
$sfhlp[trim($a[$v])] . ", "; }
$sphlp_csm = substr(trim($sphlp_csm),0,strlen($sphlp_csm)-2);
echo "<td align=left valign=top bgcolor='$color'>". $sphlp_csm . "&nbsp;</td>\n";
}
elseif ($field_name == "sphlp_live") {$sphlp_crp = "";
$a = split(",", $row[$i_field]); for ($v=0;$v<count($a);$v++) { $sphlp_crp.=
$sfhlp[trim($a[$v])] . ", "; }
$sphlp_crp = substr(trim($sphlp_crp),0,strlen($sphlp_crp)-2);
echo "<td align=left valign=top bgcolor='$color'>". $sphlp_crp . "&nbsp;</td>\n";
}
}

```

```

elseif ($field_name == "lphlp_earn") {$lphlp_csm = "";
$a = split(",", $row[$i_field]); for ($v=0;$v<count($a);$v++) { $lphlp_csm.=
$lfhelp[trim($a[$v])] . ", "; }
$lphlp_csm = substr(trim($lphlp_csm),0,strlen($lphlp_csm)-2);
echo "<td align=left valign=top bgcolor='$color'>". $lphlp_csm ."&nbsp;</td>\n";
}
elseif ($field_name == "lphlp_live") {$lphlp_crp = "";
$a = split(",", $row[$i_field]); for ($v=0;$v<count($a);$v++) { $lphlp_crp.=
$lfhelp[trim($a[$v])] . ", "; }
$lphlp_crp = substr(trim($lphlp_crp),0,strlen($lphlp_crp)-2);
echo "<td align=left valign=top bgcolor='$color'>". $lphlp_crp ."&nbsp;</td>\n";
}
elseif ($field_name == "swhlp_earn") {$swhlp_csm = "";
$a = split(",", $row[$i_field]); for ($v=0;$v<count($a);$v++) { $swhlp_csm.=
$sfhelp[trim($a[$v])] . ", "; }
$swhlp_csm = substr(trim($swhlp_csm),0,strlen($swhlp_csm)-2);
echo "<td align=left valign=top bgcolor='$color'>". $swhlp_csm ."&nbsp;</td>\n";
}
elseif ($field_name == "swhlp_live") {$swhlp_crp = "";
$a = split(",", $row[$i_field]); for ($v=0;$v<count($a);$v++) { $swhlp_crp.=
$sfhelp[trim($a[$v])] . ", "; }
$swhlp_crp = substr(trim($swhlp_crp),0,strlen($swhlp_crp)-2);
echo "<td align=left valign=top bgcolor='$color'>". $swhlp_crp ."&nbsp;</td>\n";
}
elseif ($field_name == "lwhlp_earn") {$lwhlp_csm = "";
$a = split(",", $row[$i_field]); for ($v=0;$v<count($a);$v++) { $lwhlp_csm.=
$lfhelp[trim($a[$v])] . ", "; }
$lwhlp_csm = substr(trim($lwhlp_csm),0,strlen($lwhlp_csm)-2);
echo "<td align=left valign=top bgcolor='$color'>". $lwhlp_csm ."&nbsp;</td>\n";
}
elseif ($field_name == "lwhlp_live") {$lwhlp_crp = "";
$a = split(",", $row[$i_field]); for ($v=0;$v<count($a);$v++) { $lwhlp_crp.=
$lfhelp[trim($a[$v])] . ", "; }
$lwhlp_crp = substr(trim($lwhlp_crp),0,strlen($lwhlp_crp)-2);
echo "<td align=left valign=top bgcolor='$color'>". $lwhlp_crp ."&nbsp;</td>\n";
}
elseif (eregi("int|numeric|float", $field_type)) {
//
echo "<td align=right valign=top bgcolor='$color'>&nbsp;</td>\n";
number_format($row[$i_field],0,".",",") . "&nbsp;</td>\n";
echo "<td align=right valign=top bgcolor='$color'>&nbsp;</td>\n";
}

```

```

    } elseif ($cfgShowBlob == false && eregi("BLOB", $field_type)) {
        echo "<td align=right valign=top bgcolor='$color'>&nbsp;[BLOB]&nbsp;</td>\n";
    } elseif (eregi("text|char", $field_type)) {
        // If the text is longer than $cfgMaxText characters, let's cut it short
        if (strlen($row[$i_field]) > $cfgMaxText && !empty($cfgMaxText)) {
            $strLgText = nl2br(htmlspecialchars(substr($row[$i_field], 0, $cfgMaxText))) . "
<br><b>... $strMore ...</b>";
        } else {
            $strLgText = nl2br(htmlspecialchars($row[$i_field]));
        }
        echo "<td valign=top bgcolor='$color'>&nbsp;$strLgText</td>\n";
    } elseif ($field_type == "bool") {
        echo "<td valign=top>&nbsp;"; bool_YesNo($row[$i_field]), "&nbsp;</td>\n";
    } else {
        echo "<td valign=top>&nbsp;"; nl2br(htmlspecialchars($row[$i_field])), "&nbsp;</td>\n";
    }
}
}
echo "</table>\n";
echo $strNavigation; // show navigator bar
pgclose($conn);

?>
</body>
</html>
*****

```

```

ชื่อโปรแกรม : nwrc_gstatus.php
คำอธิบาย : รายงานข้อมูลพื้นฐานการจัดการทรัพยากรน้ำระดับตำบล ข้อมูลสภาพทั่วไป โดยเลือกจังหวัด อำเภอ และตำบล โปรแกรมจะทำการค้นหาข้อมูลจากฐานข้อมูล และแสดงผลรายงาน
*****
<?
#####
# NECTEC -- High Performance Computing Research and Development Division --
#
# VERSION: 1
# PROJECT: TIWRM
# FILENAME: nwrc_gstatus.php
# AUTHOR(S): Thitiporn Meeprasert
# PURPOSE: report sum river data of water resource management
#
# CMD LINE ARG: none
# INPUT:
# OUTPUT:
# DATE CREATED:
# HISTORY:
#
#####
# ***** Main Script *****
#####
#
# GLOBAL VARS:
# MODIFIED:
#
#####
include("config.php");
?>
<html>
<head>
<title>สรุปข้อมูลพื้นฐานการจัดการทรัพยากรน้ำระดับตำบล ข้อมูลสภาพทั่วไป</title>
<META name='Author' content='<?= $author ?>'><META name='Author' content='<?= $author1 ?>'>
<META NAME='description' CONTENT=''>
<META NAME='keywords' CONTENT=''>
<META http-equiv='Content-Type' content='text/html; charset=TIS-620'>
<style type="text/css">
<!--
.header1 { font-family: Arial, Helvetica, sans-serif; font-size: 8pt; font-weight: bold }
td { font-family: Arial, Helvetica, sans-serif; font-size: 8pt;}

```

```

-->
</style>
</head>
<body>
<form name=form1 method=post action=nwrc_gstatus.php>
<center>สรุปข้อมูลพื้นฐานการจัดการทรัพยากรน้ำระดับตำบล<br><br></center>
<u>ข้อมูลสภาพทั่วไป</u>
<?
    $conn =pg_connect("host=dbms port=5432 user=guest password=**** dbname=nwrc")or die("couldn't make connection");
    if (!$conn)error_log("Unable to open while processing ");

    if ($tmb_id != "")$ext ="where tmbinfo.tmb_id ='$tmb_id' ";
    elseif ($ampinfo_id != "") $ext = " where ampinfo.ampinfo_id = '$ampinfo_id' ";
    elseif ($ampinfo_id == "" && $tmb_id == "") $ext = " where prvinfo.prvinfo_id = '$prvinfo_id' ";

    $sql = "select tmbinfo.tmb_name, amp_name,
prv_name,n_family,n_citizen,n_rai_tmb,n_rai_live,n_rai_farm,n_rai_crop,n_rai_lvst,n_rai_fish,n_rai_frst,n_rai_pub
        from gstatus inner join tmbinfo on gstatus.tmb_id = tmbinfo.tmb_id
        inner join ampinfo on substring(tmbinfo.tmb_id from 0 for 5) = ampinfo.ampinfo_id
        inner join prvinfo on substring(tmbinfo.tmb_id from 0 for 3) = prvinfo.prvinfo_id
        $ext order by prv_name,amp_name,tmb_name";

// echo "$sql<br><br>";
$rs = pg_Exec($conn, $sql) or die("couldn't execute query");
$dt_result = $rs; $sql_query = $sql;$file = "nwrc_gstatus.php";

    global $cfgBorder, $cfgBgcolorOne, $cfgBgcolorTwo, $pos, $sql_query;
    global $strTotal,$strPrevious,$strNext,$strPos1,$strEnd,$goto;
    $cfgMaxRows = 15;$cfgMaxPages = 9;

    if (!isset($pos)) $pos = 0; // gen navigator bar
    $pos_next = $pos + $cfgMaxRows; $pos_prev = $pos - $cfgMaxRows;
    $num_rows = @pg_numrows($dt_result); $num_fields = @pg_numfields($dt_result);
    if ($num_rows <= 0) { echo "<center><br><br><br><font color=red><h5>ไม่มีข้อมูล</h5>";exit; }
    $iNumRows = $num_rows;
    if ($num_rows < $pos_next) { $pos_next = $num_rows; }

    $strNavigation .= "<table border=0>\n";
    $strNavigation .= " <td align=left>";

```

```

        if ($pos >= $cfgMaxRows) {
            //doj added link to beginning of results
            $strNavigation .= "<a href=\"$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . urlencode($prvinfo_id) . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=0&goto=$goto\">&lt;&lt; $strPos1 </a> | ";
            $strNavigation .= " <a href=\"$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . urlencode($prvinfo_id) . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=$pos_prev&goto=$goto\">&lt; $strPrevious </a> | ";
        } else { $strNavigation .= "&nbsp;"; }
        $strNavigation .= "</td>\n"; $strNavigation .= "<td align=center>\n";

        //doj now only the previous and next $cfgMaxPages pages will be shown
        if (empty($cfgMaxPages)) { $cfgMaxPages = 9; }

        $iCount = $pos - ($cfgMaxRows * $cfgMaxPages);
        if ($iCount < 0) $iCount = 0;
        $iPageCnt = (int)($iCount / $cfgMaxRows);
        $iPageStop = $pos + ($cfgMaxRows * ($cfgMaxPages + 1));

        for (; $iCount < $iNumRows && $iCount < $iPageStop; $iCount += $cfgMaxRows) { //doj until here
            $iPageCnt++;
            if ($iCount != $pos) {
                $strPages .= "<a href=\"$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . $prvinfo_id . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=$iCount&goto=$goto\">$iPageCnt</a> | ";
            } else {
                if ($iNumRows > $cfgMaxRows) { $strPages .= "$iPageCnt | "; }
            }
        }
        $strNavigation .= ereg_replace(" \\| $", "", $strPages);
        $strNavigation .= "</td>\n"; $strNavigation .= "<td align=right>";
        if ($pos_next < $num_rows) {
            $strNavigation .= " | <a href=\"$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . $prvinfo_id . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=$pos_next&goto=$goto\"> $strNext &gt;</a>";
            //doj link to end of results
            $pos_end = $num_rows - $cfgMaxRows;
            $strNavigation .= " | <a href=\"$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . $prvinfo_id . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=$pos_end&goto=$goto\"> $strEnd &gt;&gt;</a>";
        }
    }
}

```

```

    } else { $strNavigation .= "&nbsp;"; }
    $strNavigation .= "</td>\n"; $strNavigation .= "</table>\n";

    // if ($num_rows > 1) { echo "$strShowingRecords $pos - $pos_next ($num_rows $strTotal)"; } // show number of record
    echo $strNavigation; // show navigator bar
    echo "<table border=$cfgBorder><tr>";
    echo "</tr>\n";
?>
<table border='1' cellspacing=0 width='100%'>
  <tr >
    <td align=center class=header1>ลำดับ</td>
    <td align=center bgcolor='#FF9999' class=header1>ตำแหน่ง</td>
    <td align=center bgcolor='#9999FF' class=header1>ครัวเรือน</td>
    <td align=center bgcolor='#9999FF' class=header1>ประชากร (คน)</td>
    <td align=center bgcolor='#FF9944' class=header1>พื้นที่ทั้งหมด (ไร่)</td>
    <td align=center bgcolor='#FF9944' class=header1>ที่อยู่อาศัย (ไร่)</td>
    <td align=center bgcolor='#FF9944' class=header1>ทำนา (ไร่)</td>
    <td align=center bgcolor='#FF9944' class=header1>ทำไร่-ทำสวน (ไร่)</td>
    <td align=center bgcolor='#FF9944' class=header1>ปลูกสัตว์ (ไร่)</td>
    <td align=center bgcolor='#FF9944' class=header1>ประมง (ไร่)</td>
    <td align=center bgcolor='#FF9944' class=header1>ป่า (ไร่)</td>
    <td align=center bgcolor='#FF9944' class=header1>สาธารณะ (ไร่)</td>
  </tr>
  <?
    for ($i_row = $pos; $i_row < $pos_next; $i_row++) { // show data
      $row = pg_fetch_row($dt_result, $i_row); unset($primary_key);
      $bgcolor = $cfgBgcolorOne;
      $i_row % 2 ? 0: $bgcolor = $cfgBgcolorTwo;
      echo "<tr bgcolor=$bgcolor>"; $aa = $i_row+1;
      echo "<td align=right valign=top>&nbsp;&nbsp;&nbsp;"; $aa . "&nbsp;&nbsp;&nbsp;</td>\n";
      for ($i_field = 0; $i_field < pg_numfields($dt_result); $i_field++) {
        //echo "<td align=right valign=top bgcolor='$color'>&nbsp;&nbsp;&nbsp;$row[$i_field]&nbsp;&nbsp;&nbsp;</td>\n";
        if (!isset($row[$i_field])) unset($row[$i_field]);
        $field_type = pg_fieldtype($dt_result, $i_field);
        $field_name = pg_fieldname($dt_result, $i_field);
        if ($i_field <=2) $color="#FFAAAA"; //pink
        elseif ($i_field == 2 || $i_field <=4) $color="#AAAAFF"; //purple
        elseif ($i_field <= 4 || $i_field <=12) $color="#FFAA55"; // orange
        //
        elseif ($i_field > 11) $color="#55AAFF"; //blue
      }
    }
  </tr>
</table>

```



```
        echo $strNavigation; // show navigator bar
    pgclose($conn);
?>
</body>
</html>
*****
```

```

ชื่อโปรแกรม : nwrc_main.php
คำอธิบาย : แสดงหัวข้อรายงานข้อมูลพื้นฐานการจัดการทรัพยากรน้ำระดับตำบล เพื่อให้ผู้ใช้เลือกรายงานที่ต้องการ
*****

<?
#####
# NECTEC -- High Performance Computing Research and Development Division --
#
# VERSION: 1
# PROJECT: TIWRM
# FILENAME: nwrc_main.php
# AUTHOR(S): Thitiporn Meeprasert
# PURPOSE: report main of water resource management nwrc
#
# CMD LINE ARG: none
# INPUT:
# OUTPUT:
# DATE CREATED:
# HISTORY:
#
#####
# ***** Main Script *****
#####
#
# GLOBAL VARS:
# MODIFIED:
#
#####
?>
<html>
<body><form name=form1 method=post>
<table border=1>
<tr><td>เลือกจังหวัด<td>
<?
    $conn = pg_connect("host=dbms port=5432 user=raider password=**** dbname=nwrc") or die("couldn't make connection");
    if (!$conn) error_log("Unable to open while processing ");

    $sql = "select prvinfos_id,prv_name from prvinfos order by prv_name ";
    $rs = pg_exec($conn, $sql) ;
    if ($rs) { $numr = pg_numrows($rs);

```

```

        if ($numr > 0) { echo "<select name='prvinfo_id'><option value=''>ทั้งหมด</option>\n";
            for ($j=0;$j<$numr;$j++) { $row = pg_fetch_row($rs,$j);
                echo "<option value='$row[0]'>$row[1]</option>\n";
            } echo "</select>";
        }
    }
    pg_close($conn);
?>
<tr><td colspan=2>
<a href='#'
onclick="window.open('nwrc_gstatus.php?prvinfo_id='+document.form1.prvinfo_id.value,'_blank','width=1020,height=650,status=yes,to
olbar=no,menubar=yes,resizable=yes,scrollbars=yes,top=0,left=0')">
ข้อมูลสภาพทั่วไป<br>
<a href='#'
onclick="window.open('nwrc_climate.php?prvinfo_id='+document.form1.prvinfo_id.value,'_blank','width=1020,height=650,status=yes,to
olbar=no,menubar=yes,resizable=yes,scrollbars=yes,top=0,left=0')">
ข้อมูลสภาพอากาศและสภาพภูมิประเทศ<br>
<a href='#'
onclick="window.open('nwrc_rivcnl.php?prvinfo_id='+document.form1.prvinfo_id.value,'_blank','width=1020,height=650,status=yes,too
lbar=no,menubar=yes,resizable=yes,scrollbars=yes,top=0,left=0')">
ข้อมูลแหล่งน้ำธรรมชาติ แม่น้ำ, ห้วย, คลอง<br>
<a href='#'
onclick="window.open('nwrc_swamp.php?prvinfo_id='+document.form1.prvinfo_id.value,'_blank','width=1020,height=650,status=yes,tool
bar=no,menubar=yes,resizable=yes,scrollbars=yes,top=0,left=0')">
ข้อมูลแหล่งน้ำธรรมชาติ หนอง, บึง<br>
<a href='#'
onclick="window.open('nwrc_storage.php?prvinfo_id='+document.form1.prvinfo_id.value,'_blank','width=1020,height=650,status=yes,to
olbar=no,menubar=yes,resizable=yes,scrollbars=yes,top=0,left=0')">
ข้อมูลแหล่งน้ำที่ก่อสร้างขึ้น อ่างเก็บน้ำ<br>
<a href='#'
onclick="window.open('nwrc_weir.php?prvinfo_id='+document.form1.prvinfo_id.value,'_blank','width=1020,height=650,status=yes,toolb
ar=no,menubar=yes,resizable=yes,scrollbars=yes,top=0,left=0')">
ข้อมูลแหล่งน้ำที่ก่อสร้างขึ้น ฝ่าย<br>
<a href='#'
onclick="window.open('nwrc_pump.php?prvinfo_id='+document.form1.prvinfo_id.value,'_blank','width=1020,height=650,status=yes,toolb
ar=no,menubar=yes,resizable=yes,scrollbars=yes,top=0,left=0')">
ข้อมูลแหล่งน้ำที่ก่อสร้างขึ้น โครงการสูบน้ำด้วยไฟฟ้า<br>

```

```

<a href='#'
onclick="window.open('nwrc_dwgate.php?prvinfo_id='+document.form1.prvinfo_id.value,'_blank','width=1020,height=650,status=yes,tool
lbar=no,menubar=yes,resizable=yes,scrollbars=yes,top=0,left=0')">
ข้อมูลแหล่งน้ำที่ก่อสร้างขึ้น เขื่อนทดน้ำ/ประตูระบายน้ำ<br>
<a href='#'
onclick="window.open('nwrc_pond.php?prvinfo_id='+document.form1.prvinfo_id.value,'_blank','width=1020,height=650,status=yes,toolb
ar=no,menubar=yes,resizable=yes,scrollbars=yes,top=0,left=0')">
ข้อมูลแหล่งน้ำที่ก่อสร้างขึ้น สระเก็บน้ำ/สระเก็บน้ำในไร่นา<br>
<a href='#'
onclick="window.open('nwrc_dwell.php?prvinfo_id='+document.form1.prvinfo_id.value,'_blank','width=1020,height=650,status=yes,tool
bar=no,menubar=yes,resizable=yes,scrollbars=yes,top=0,left=0')">
ข้อมูลแหล่งน้ำที่ก่อสร้างขึ้น บ่อนบาดาล (บ่อมือโยก, ข่อสูบลึงไม้ใช้ประปาหมู่บ้าน)<br>
<a href='#'
onclick="window.open('nwrc_swell.php?prvinfo_id='+document.form1.prvinfo_id.value,'_blank','width=1020,height=650,status=yes,toolbar=no,menu
bar=yes,resizable=yes,scrollbars=yes,top=0,left=0')">
ข้อมูลแหล่งน้ำที่ก่อสร้างขึ้น บ่อน้ำเค็ม<br>
<a href='#'
onclick="window.open('nwrc_rwsp.php?prvinfo_id='+document.form1.prvinfo_id.value,'_blank','width=1020,height=650,status=yes,toolbar=no,menub
ar=yes,resizable=yes,scrollbars=yes,top=0,left=0')">
ข้อมูลแหล่งน้ำที่ก่อสร้างขึ้น ประปาชนบท<br>
<a href='#'
onclick="window.open('nwrc_wshtage.php?prvinfo_id='+document.form1.prvinfo_id.value,'_blank','width=1020,height=650,status=yes,to
olbar=no,menubar=yes,resizable=yes,scrollbars=yes,top=0,left=0')">
สภาพการขาดแคลนน้ำ<br>
<a href='#'
onclick="window.open('nwrc_floods.php?prvinfo_id='+document.form1.prvinfo_id.value,'_blank','width=1020,height=650,status=yes,too
lbar=no,menubar=yes,resizable=yes,scrollbars=yes,top=0,left=0')">
สภาพน้ำท่วม<br>
<a href='#'
onclick="window.open('nwrc_wdevprj.php?prvinfo_id='+document.form1.prvinfo_id.value,'_blank','width=1020,height=650,status=yes,to
olbar=no,menubar=yes,resizable=yes,scrollbars=yes,top=0,left=0')">
โครงการแหล่งน้ำที่มีแผนก่อสร้างแล้ว และโครงการที่หมู่บ้านต้องการเสนอให้ก่อสร้างในอนาคต<br>
</form>
*****

```

```

ชื่อโปรแกรม : nwrc_pond.php
คำอธิบาย : รายงานข้อมูลพื้นฐานการจัดการทรัพยากรน้ำระดับตำบล ข้อมูลแหล่งน้ำที่ก่อสร้างขึ้น สระเก็บน้ำ/สระเก็บน้ำในไร่นา โดยเลือกจังหวัด อำเภอ และตำบล โปรแกรมจะทำการค้นหาข้อมูลจากฐานข้อมูล และแสดงผลรายงาน
*****
<?
#####
# NECTEC -- High Performance Computing Research and Development Division --
#
# VERSION: 1
# PROJECT: TIWRM
# FILENAME: nwrc_pond.php
# AUTHOR(S): Thitiporn Meeprasert
# PURPOSE: report sum river data of water resource management
#
# CMD LINE ARG: none
# INPUT:
# OUTPUT:
# DATE CREATED:
# HISTORY:
#
#####
# ***** Main Script *****
#####
#
# GLOBAL VARS:
# MODIFIED:
#
#####
include("config.php");
?>
<html>
<head>
<title>สรุปข้อมูลพื้นฐานการจัดการทรัพยากรน้ำระดับตำบล ข้อมูลแหล่งน้ำที่ก่อสร้างขึ้น สระเก็บน้ำ/สระเก็บน้ำในไร่นา</title>
<META name='Author' content='<?= $author ?>'><META name='Author' content='<?= $author1 ?>'>
<META NAME='description' CONTENT=''>
<META NAME='keywords' CONTENT=''>
<META http-equiv='Content-Type' content='text/html; charset=TIS-620'>
<style type="text/css">
<!--
.header1 { font-family: Arial, Helvetica, sans-serif; font-size: 8pt; font-weight: bold }
td { font-family: Arial, Helvetica, sans-serif; font-size: 8pt;}

```

```

-->
</style>
</head>
<body>
<form name=form1 method=post action=nwrc_pond.php>
<center>สรุปข้อมูลพื้นฐานการจัดการทรัพยากรน้ำระดับตำบล<br><br></center>
<u>ข้อมูลแหล่งน้ำที่ก่อสร้างขึ้นสระเก็บน้ำ/สระเก็บน้ำในไร่นา</u>
<?
    $conn = pg_connect("host=dbms port=5432 user=guest password=**** dbname=nwrc") or die("couldn't make connection");
    if (! $conn) error_log("Unable to open while processing ");

    if ($tmb_id != "") $ext = " where tmbinfo.tmb_id = '$tmb_id' ";
    elseif ($ampinfo_id != "") $ext = " where ampinfo.ampinfo_id = '$ampinfo_id' ";
    elseif ($ampinfo_id == "" && $tmb_id == "") $ext = " where prvinfo.prvinfo_id = '$prvinfo_id' ";

    $sql = "select pond_name, tmb_name, amp_name,
prv_name, agency_id, yr_create, width, height, pond_vol, qlty_stat, qlty_taste, qlty_other, pond_stat, na_code, n_fmly_csm, n_rai_rain, n_rai_
dry, n_fmly_ind, n_fmly_fsh, n_rai_dig, dig_year, dig_code
    from pond inner join tmbinfo on pond.tmb_id = tmbinfo.tmb_id
    inner join ampinfo on substring(tmbinfo.tmb_id from 0 for 5) = ampinfo.ampinfo_id
    inner join prvinfo on substring(tmbinfo.tmb_id from 0 for 3) = prvinfo.prvinfo_id
    $ext order by prv_name, amp_name, tmb_name, pond_name";

// echo "$sql<br><br>";
$rs = pg_Exec($conn, $sql) or die("couldn't execute query");
$dt_result = $rs; $sql_query = $sql; $file = "nwrc_pond.php";

global $cfgBorder, $cfgBgcolorOne, $cfgBgcolorTwo, $pos, $sql_query;
global $strTotal, $strPrevious, $strNext, $strPos1, $strEnd, $goto;
$cfgMaxRows = 15; $cfgMaxPages = 9;

if (!isset($pos)) $pos = 0; // gen navigator bar
$pos_next = $pos + $cfgMaxRows; $pos_prev = $pos - $cfgMaxRows;
$num_rows = @pg_numrows($dt_result); $num_fields = @pg_numfields($dt_result);
if ($num_rows <= 0) { echo "<center><br><br><font color=red><h5>ไม่มีข้อมูล</h5>"; exit; }
$iNumRows = $num_rows;
if ($num_rows < $pos_next) { $pos_next = $num_rows; }

```

```

$strNavigation .= "<table border=0>\n";
$strNavigation .= "<td align=left>";
if ($pos >= $cfgMaxRows) {
    //doj added link to beginning of results
    $strNavigation .= "<a href=\"\$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) . "&prvinfo_id=" . urlencode($prvinfo_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=0&goto=$goto\">&lt;&lt; $strPos1 </a> | ";
    $strNavigation .= " <a href=\"\$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . urlencode($prvinfo_id) . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=$pos_prev&goto=$goto\">&lt; $strPrevious </a> | ";
} else { $strNavigation .= "&nbsp;"; }
$strNavigation .= "</td>\n"; $strNavigation .= "<td align=center>\n";

//doj now only the previous and next $cfgMaxPages pages will be shown
if (empty($cfgMaxPages)) { $cfgMaxPages = 9; }

$iCount = $pos - ($cfgMaxRows * $cfgMaxPages);
if ($iCount < 0) $iCount = 0;
$iPageCnt = (int)($iCount / $cfgMaxRows);
$iPageStop = $pos + ($cfgMaxRows * ($cfgMaxPages + 1));

for (; $iCount < $iNumRows && $iCount < $iPageStop; $iCount += $cfgMaxRows) { //doj until here
    $iPageCnt++;
    if ($iCount != $pos) {
        $strPages .= "<a href=\"\$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . $prvinfo_id . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=$iCount&goto=$goto\">$iPageCnt</a> | ";
    } else {
        if ($iNumRows > $cfgMaxRows) { $strPages .= "$iPageCnt | "; }
    }
}
$strNavigation .= ereg_replace(" \| $", "", $strPages);
$strNavigation .= "</td>\n"; $strNavigation .= "<td align=right>";
if ($pos_next < $num_rows) {
    $strNavigation .= " | <a href=\"\$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . $prvinfo_id . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" .
urlencode($tmb_id) . "&testq_order=" . urlencode($testq_order) . "&pos=$pos_next&goto=$goto\"> $strNext &gt;</a>";
    //doj link to end of results
    $pos_end = $num_rows - $cfgMaxRows;
}

```

```

        $strNavigation .= " | <a href=\"\$file?server=$server&db=$db&table=$table&sql_query=".urlencode($sql_query) .
"&prvinfo_id=" . $prvinfo_id . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id)
."&testq_order=".urlencode($testq_order)."&pos=$pos_end&goto=$goto\"> $strEnd &gt;&gt;</a>";
    } else { $strNavigation .= "&nbsp;"; }
    $strNavigation .= "</td>\n"; $strNavigation .= "</table>\n";

    // if ($num_rows > 1) { echo "$strShowingRecords $pos - $pos_next ($num_rows $strTotal)"; } // show number of record
    echo $strNavigation; // show navigator bar
    echo "<table border=$cfgBorder><tr>";
    echo "</tr>\n";
?>
<table border='1' cellpadding=0 width='100%'>
<tr >
<td align=center class=header1>ลำดับ</td>
<td align=center bgcolor='#FF9999' class=header1>ชื่อโครงการ</td>
<td align=center bgcolor='#FF9999' class=header1>ตำแหน่ง</td>
<td align=center bgcolor='#9999FF' class=header1>หน่วยงาน<br>ที่รับ<br>ผิดชอบ</td>
<td align=center bgcolor='#9999FF' class=header1>ปีที่<br>ก่อสร้าง<br>(พ.ศ.)</td>
<td align=center bgcolor='#9999FF' class=header1>กว้าง (ม.)</td>
<td align=center bgcolor='#9999FF' class=header1>สูง (ม.)</td>
<td align=center bgcolor='#9999FF' class=header1>ความจุ<br>(ลบ.ม.)</td>
<td align=center bgcolor='#FF9944' class=header1>สภาพ</td>
<td align=center bgcolor='#FF9944' class=header1>ราคา</td>
<td align=center bgcolor='#FF9944' class=header1>อื่นๆ</td>
<td align=center bgcolor='#FF9944' class=header1>สภาพปัจจุบัน</td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>อุปโภค-บริโภค<br>(ครัวเรือน) </td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การเพาะปลูกใน<br>ฤดูฝน (ไร่) </td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การเพาะปลูกใน<br>ฤดูแล้ง (ไร่) </td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>อุตสาหกรรม<br>ในครัวเรือน<br>(ครัวเรือน) <br></td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การประมง<br>เลี้ยงสัตว์<br>(ครัวเรือน) <br></td>
<td align=center bgcolor='#4499FF' class=header1>ขุดลอกแล้ว (ไร่) </td>
<td align=center bgcolor='#4499FF' class=header1>ปีที่ขุดลอก</td>
<td align=center bgcolor='#4499FF' class=header1>ยังไม่ได้ขุดลอก</td>

</tr>
<?
        for ($i_row = $pos; $i_row < $pos_next; $i_row++) { // show data

```

```

$row = pg_fetch_row($dt_result, $i_row); unset($primary_key);
$bgcolor = $cfgBgcolorOne;
$i_row % 2 ? 0: $bgcolor = $cfgBgcolorTwo;
echo "<tr bgcolor=$bgcolor>"; $aa = $i_row+1;
echo "<td align=right valign=top>&nbsp;$aa . "&nbsp;</td>\n";
for ($i_field = 0; $i_field < pg_numfields($dt_result); $i_field++) {
    //echo "<td align=right valign=top bgcolor='$color'>&nbsp;$row[$i_field]&nbsp;</td>\n";
    if (!isset($row[$i_field])) unset($row[$i_field]);
    $field_type = pg_fieldtype($dt_result, $i_field);
    $field_name = pg_fieldname($dt_result, $i_field);
    if ($i_field <= 2) $color="#FFAAAA"; //pink
    elseif ($i_field == 2 || $i_field <= 8) $color="#AAAAFF"; //purple
    elseif ($i_field <= 9 || $i_field <= 13) $color="#FFAA55"; // orange
    elseif ($i_field > 13) $color="#55AAFF"; //blue
    else $color="";
    if ($field_name == "agency_id") { $agen = "";
        $a = split(",", $row[$i_field]); for ($v=0; $v<count($a); $v++) {
            if (trim($a[$v])!= "") $agen .= $pond_agen[trim($a[$v])] . ", ";
        }
        $agen = substr(trim($agen), 0, strlen($agen)-2);
        echo "<td align=left valign=top bgcolor='$color'>". $agen . "&nbsp;</td>\n";
    }
    elseif ($field_name == "qlty_stat") {
        echo "<td align=left valign=top bgcolor='$color'>". $stat[$row[$i_field]] . "&nbsp;</td>\n";
    }
    elseif ($field_name == "qlty_taste") {
        echo "<td align=left valign=top bgcolor='$color'>". $taste[$row[$i_field]] . "&nbsp;</td>\n";
    }
    elseif ($field_name == "qlty_other") {
        echo "<td align=left valign=top bgcolor='$color'>". $other[$row[$i_field]] . "&nbsp;</td>\n";
    }
    elseif ($field_name == "pond_stat" || $field_name == "na_code") {
        if ($field_name == "pond_stat") echo "<td align=left valign=top bgcolor='$color'>&nbsp;";
        $status[$row[$i_field]] . " " . $pond_na[$row[15]] . "&nbsp;</td>\n";
    }
    elseif ($i_field == 0) {
        echo "<td valign=top bgcolor='$color'>$row[$i_field]&nbsp;</td>\n";
    }
    elseif ($i_field <= 1 || $i_field <= 3) {
        if ($i_field == 1) echo "<td valign=top bgcolor='$color'>". " ค." . $row[1] . " อ." . $row[2] .
        " จ." . $row[3] . "</td>\n";
    }
}

```

```

    }
    elseif($field_name == "dig_code") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;". $dig[$row[$i_field]]."&nbsp;</td>\n";
    }
    elseif($field_name == "dig_year") {
        $digyear = ($row[$i_field] == 0 ? "" : $row[$i_field]) ;
        echo "<td align=right valign=top bgcolor='$color'>&nbsp;$digyear&nbsp;</td>\n";
    }
    elseif (ereg("int|numeric|float", $field_type)) {
        //
        number_format($row[$i_field],2,".",",") . "&nbsp;</td>\n";
        echo "<td align=right valign=top bgcolor='$color'>&nbsp;". $row[$i_field] . "&nbsp;</td>\n";
    } elseif ($cfgShowBlob == false && ereg("BLOB", $field_type)) {
        echo "<td align=right valign=top bgcolor='$color'>&nbsp;[BLOB]&nbsp;</td>\n";
    } elseif (ereg("text|char", $field_type)) {
        // If the text is longer than $cfgMaxText characters, let's cut it short
        if (strlen($row[$i_field]) > $cfgMaxText && !empty($cfgMaxText)) {
            $strLgText = nl2br(htmlspecialchars(substr($row[$i_field], 0, $cfgMaxText))) . "
<br><b>... $strMore ...</b>";
        } else {
            $strLgText = nl2br(htmlspecialchars($row[$i_field]));
        }
        echo "<td valign=top bgcolor='$color'>$strLgText&nbsp;</td>\n";
    } elseif ($field_type == "bool") {
        echo "<td valign=top>&nbsp;". bool_YesNo($row[$i_field]), "&nbsp;</td>\n";
    } else {
        echo "<td valign=top>&nbsp;". nl2br(htmlspecialchars($row[$i_field])), "&nbsp;</td>\n";
    }
}
}
echo "</table>\n";
echo $strNavigation; // show navigator bar
pgclose($conn);

?>
</body>
</html>
*****

```

```

ชื่อโปรแกรม : nwrc_pump.php
คำอธิบาย : รายงานข้อมูลพื้นฐานการจัดการทรัพยากรน้ำระดับตำบล ข้อมูลแหล่งน้ำที่ก่อสร้างขึ้น โครงการสูบน้ำด้วยไฟฟ้า โดยเลือกจังหวัด อำเภอก และตำบล โปรแกรมจะทำการค้นหาข้อมูลจากฐานข้อมูล และแสดงผลรายงาน
*****

<?
#####
# NECTEC -- High Performance Computing Research and Development Division --
#
# VERSION: 1
# PROJECT: TIWRM
# FILENAME: nwrc_pump.php
# AUTHOR(S): Thitiporn Meeprasert
# PURPOSE: report sum river data of water resource management
#
# CMD LINE ARG: none
# INPUT:
# OUTPUT:
# DATE CREATED:
# HISTORY:
#
#####
# ***** Main Script *****
#####
#
# GLOBAL VARS:
# MODIFIED:
#
#####
include("config.php");
?>
<html>
<head>
<title>สรุปข้อมูลพื้นฐานการจัดการทรัพยากรน้ำระดับตำบล ข้อมูลแหล่งน้ำที่ก่อสร้างขึ้น โครงการสูบน้ำด้วยไฟฟ้า</title>
<META name='Author' content='<?= $author ?>'><META name='Author' content='<?= $author1 ?>'>
<META NAME='description' CONTENT=''>
<META NAME='keywords' CONTENT=''>
<META http-equiv='Content-Type' content='text/html; charset=TIS-620'>
<style type="text/css">
<!--
.header1 { font-family: Arial, Helvetica, sans-serif; font-size: 8pt; font-weight: bold }
td { font-family: Arial, Helvetica, sans-serif; font-size: 8pt;}

```

```

-->
</style>
</head>
<body>
<form name=form1 method=post action=nwrc_pump.php>
<center>สรุปข้อมูลพื้นฐานการจัดการทรัพยากรน้ำระดับตำบล<br><br></center>
<u>ข้อมูลแหล่งน้ำที่ก่อสร้างขึ้น โครงการสูบน้ำด้วยไฟฟ้า</u>
<?
    $conn =pg_connect("host=dbms port=5432 user=guest password=**** dbname=nwrc")or die("couldn't make connection");
    if (!($conn)error_log("Unable to open while processing ");

    if ($tmb_id != "") $ext = " where tmbinfo.tmb_id = '$tmb_id' ";
    elseif ($ampinfo_id != "") $ext = " where ampinfo.ampinfo_id = '$ampinfo_id' ";
    elseif ($ampinfo_id == "" && $tmb_id == "") $ext = " where prvinfo.prvinfo_id = '$prvinfo_id' ";

    $sql = "select prj_name,tmb_name, amp_name,
prv_name,agency_id,wsrc_code,st_create,end_create,n_pump,supply_sys,qlty_stat,qlty_taste,qlty_other,wrs_stat,na_code,n_fmly_csm,n
_rai_rain,n_rai_dry,n_fmly_ind,n_fmly_fsh
    from pump inner join tmbinfo on pump.tmb_id = tmbinfo.tmb_id
    inner join ampinfo on substring(tmbinfo.tmb_id from 0 for 5) = ampinfo.ampinfo_id
    inner join prvinfo on substring(tmbinfo.tmb_id from 0 for 3) = prvinfo.prvinfo_id
    $ext order by prv_name,amp_name,tmb_name,prj_name";

// echo "$sql<br><br>";
$rs = pg_Exec($conn, $sql) or die("couldn't execute query");
$dt_result = $rs; $sql_query = $sql;$file = "nwrc_pump.php";

    global $cfgBorder, $cfgBgcolorOne, $cfgBgcolorTwo, $pos, $sql_query;
    global $strTotal,$strPrevious,$strNext,$strPos1,$strEnd,$goto;
    $cfgMaxRows = 15;$cfgMaxPages = 9;

    if (!isset($pos)) $pos = 0; // gen navigator bar
    $pos_next = $pos + $cfgMaxRows; $pos_prev = $pos - $cfgMaxRows;
    $num_rows = @pg_numrows($dt_result); $num_fields = @pg_numfields($dt_result);
    if ($num_rows <= 0) { echo "<center><br><br><font color=red><h5>ไม่มีข้อมูล</h5>";exit; }
    $iNumRows = $num_rows;
    if ($num_rows < $pos_next) { $pos_next = $num_rows; }

    $strNavigation .= "<table border=0>\n";

```

```

$strNavigation .= "<td align=left>";
if ($pos >= $cfgMaxRows) {
    //doj added link to beginning of results
    $strNavigation .= "<a href=\"\$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . urlencode($prvinfo_id) . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=0&goto=$goto\">&lt;&lt; $strPos1 </a> | ";
    $strNavigation .= " <a href=\"\$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . urlencode($prvinfo_id) . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=$pos_prev&goto=$goto\">&lt; $strPrevious </a> | ";
} else { $strNavigation .= "&nbsp;"; }
$strNavigation .= "</td>\n"; $strNavigation .= "<td align=center>\n";

//doj now only the previous and next $cfgMaxPages pages will be shown
if (empty($cfgMaxPages)) { $cfgMaxPages = 9; }

$iCount = $pos - ($cfgMaxRows * $cfgMaxPages);
if ($iCount < 0) $iCount = 0;
$iPageCnt = (int)($iCount / $cfgMaxRows);
$iPageStop = $pos + ($cfgMaxRows * ($cfgMaxPages + 1));

for (; $iCount < $iNumRows && $iCount < $iPageStop; $iCount += $cfgMaxRows) { //doj until here
    $iPageCnt++;
    if ($iCount != $pos) {
        $strPages .= "<a href=\"\$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . $prvinfo_id . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=$iCount&goto=$goto\">$iPageCnt</a> | ";
    } else {
        if ($iNumRows > $cfgMaxRows) { $strPages .= "$iPageCnt | "; }
    }
}
$strNavigation .= ereg_replace(" \\| $", "", $strPages);
$strNavigation .= "</td>\n"; $strNavigation .= "<td align=right>";
if ($pos_next < $num_rows) {
    $strNavigation .= " | <a href=\"\$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . $prvinfo_id . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=$pos_next&goto=$goto\"> $strNext &gt;</a>";
    //doj link to end of results
    $pos_end = $num_rows - $cfgMaxRows;
}

```

```

        $strNavigation .= " | <a href=\"$file?server=$server&db=$db&table=$table&sql_query=".urlencode($sql_query) .
"&prvinfo_id=" . $prvinfo_id . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id)
."&testq_order=".urlencode($testq_order)."&pos=$pos_end&goto=$goto\"> $strEnd &gt;&gt;</a>";
    } else { $strNavigation .= "&nbsp;"; }
    $strNavigation .= "</td>\n"; $strNavigation .= "</table>\n";

    // if ($num_rows > 1) { echo "$strShowingRecords $pos - $pos_next ($num_rows $strTotal)"; } // show number of record
    echo $strNavigation; // show navigator bar
    echo "<table border=$cfgBorder><tr>";
    echo "</tr>\n";
?>
<table border='1' cellspacing=0 width='100%'>
<tr >
<td align=center class=header1>ลำดับ</td>
<td align=center bgcolor='#FF9999' class=header1>ชื่อโครงการ</td>
<td align=center bgcolor='#FF9999' class=header1>ตำแหน่ง</td>
<td align=center bgcolor='#9999FF' class=header1>หน่วยงาน<br>ที่รับ<br>ผิดชอบ</td>
<td align=center bgcolor='#9999FF' class=header1>แหล่งน้ำ<br>ของ<br>โครงการสูบน้ำ<br>ด้วยไฟฟ้า</td>
<td align=center bgcolor='#9999FF' class=header1>ระยะเวลา<br>เริ่มต้น<br>ก่อสร้าง พ.ศ.</td>
<td align=center bgcolor='#9999FF' class=header1>ระยะเวลา<br>ก่อสร้าง<br>เสร็จ (พ.ศ.)</td>
<td align=center bgcolor='#9999FF' class=header1>จำนวน<br>เครื่องสูบน้ำ<br>(เครื่อง)</td>
<td align=center bgcolor='#FF9944' class=header1>ระบบส่งน้ำ</td>
<td align=center bgcolor='#FF9944' class=header1>สภาพ</td>
<td align=center bgcolor='#FF9944' class=header1>รหัส</td>
<td align=center bgcolor='#FF9944' class=header1>อื่นๆ</td>
<td align=center bgcolor='#FF9944' class=header1>สภาพปัจจุบัน</td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>อุปโภค-บริโภค<br>(ครัวเรือน) </td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การเพาะปลูกใน<br>ฤดูฝน (ไร่)</td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การเพาะปลูกใน<br>ฤดูแล้ง (ไร่)</td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>อุตสาหกรรม<br>ในครัวเรือน<br>(ครัวเรือน) <br></td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การประมง<br>เลี้ยงสัตว์<br>(ครัวเรือน) <br></td>
</tr>
<?
    for ($i_row = $pos; $i_row < $pos_next; $i_row++) { // show data
        $row = pg_fetch_row($dt_result, $i_row); unset($primary_key);
        $bgcolor = $cfgBgcolorOne;
        $i_row % 2 ? 0: $bgcolor = $cfgBgcolorTwo;
        echo "<tr bgcolor=$bgcolor>"; $aa = $i_row+1;
    }
?>

```

```

echo "<td align=right valign=top>&nbsp;&nbsp;&nbsp;"; $aa . "&nbsp;&nbsp;&nbsp;</td>\n";
for ($i_field = 0; $i_field < pg_numfields($dt_result); $i_field++) {
    //echo "<td align=right valign=top bgcolor='$color'>&nbsp;&nbsp;&nbsp;$row[$i_field]&nbsp;&nbsp;&nbsp;</td>\n";
    if (!isset($row[$i_field])) unset($row[$i_field]);
    $field_type = pg_fieldtype($dt_result, $i_field);
    $field_name = pg_fieldname($dt_result, $i_field);
    if ($i_field <= 2) $color="#FFAAAA"; //pink
    elseif ($i_field == 2 || $i_field <=8) $color="#AAAAFF"; //purple
    elseif ($i_field <= 9 || $i_field <=13) $color="#FFAA55"; // orange
    elseif ($i_field > 13) $color="#55AAFF"; //blue
    else $color="";
    if ($field_name == "agency_id") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;&nbsp;&nbsp;".
$agency[$row[$i_field]]."&nbsp;&nbsp;&nbsp;</td>\n";
    }
    elseif ($field_name == "wsrc_code") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;&nbsp;&nbsp;".
$wsrc[$row[$i_field]]."&nbsp;&nbsp;&nbsp;</td>\n";
    }
    elseif ($field_name == "supply_sys") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;&nbsp;&nbsp;".
$supply[$row[$i_field]]."&nbsp;&nbsp;&nbsp;</td>\n";
    }

    elseif ($field_name == "qlty_stat") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;&nbsp;&nbsp;".
$stat[$row[$i_field]]."&nbsp;&nbsp;&nbsp;</td>\n";
    }
    elseif($field_name == "qlty_taste") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;&nbsp;&nbsp;".
$taste[$row[$i_field]]."&nbsp;&nbsp;&nbsp;</td>\n";
    }
    elseif($field_name == "qlty_other") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;&nbsp;&nbsp;".
$other[$row[$i_field]]."&nbsp;&nbsp;&nbsp;</td>\n";
    }
    elseif ($field_name == "wrs_stat" || $field_name == "na_code") {
        if ($field_name == "wrs_stat") echo "<td align=left valign=top bgcolor='$color'>&nbsp;&nbsp;&nbsp;".
$status[$row[$i_field]]. " " . $pump_na[$row[14]] . "&nbsp;&nbsp;&nbsp;</td>\n";
    }
}

```

```

elseif ($i_field == 0 ) {
    echo "<td valign=top bgcolor='$color'>$row[$i_field]&nbsp;</td>\n";
}
elseif ($i_field <= 1 || $i_field <= 3) {
    if ($i_field == 1) echo "<td valign=top bgcolor='$color'>". " ค." . $row[1] . " อ." . $row[2] .
" จ." . $row[3] . "</td>\n";
}
elseif (eregi("int|numeric|float", $field_type)) {
    //
    number_format($row[$i_field],0,".",",") . "&nbsp;</td>\n";
    echo "<td align=right valign=top bgcolor='$color'>&nbsp;<td>\n";
} elseif ($cfgShowBlob == false && eregi("BLOB", $field_type)) {
    echo "<td align=right valign=top bgcolor='$color'>&nbsp;<td>\n";
} elseif (eregi("text|char", $field_type)) {
    // If the text is longer than $cfgMaxText characters, let's cut it short
    if (strlen($row[$i_field]) > $cfgMaxText && !empty($cfgMaxText)) {
        $strLgText = nl2br(htmlspecialchars(substr($row[$i_field], 0, $cfgMaxText))) . "
<br><b>... $strMore ...</b>";
    } else {
        $strLgText = nl2br(htmlspecialchars($row[$i_field]));
    }
    echo "<td valign=top bgcolor='$color'>&nbsp;$strLgText</td>\n";
} elseif ($field_type == "bool") {
    echo "<td valign=top>&nbsp;<td>\n";
} else {
    echo "<td valign=top>&nbsp;<td>\n";
}
}
}
echo "</table>\n";
echo $strNavigation; // show navigator bar
pgclose($conn);

?>
</body>
</html>
*****

```

```

ชื่อโปรแกรม : nwrc_rivcnl.php
คำอธิบาย : รายงานข้อมูลพื้นฐานการจัดการทรัพยากรน้ำระดับตำบล ข้อมูลแหล่งน้ำธรรมชาติ แม่น้ำ ห้วย คลอง โดยเลือกจังหวัด อำเภอ และตำบล โปรแกรมจะทำการค้นหาข้อมูลจากฐานข้อมูล และแสดงผลรายงาน
*****
<?
#####
# NECTEC -- High Performance Computing Research and Development Division --
#
# VERSION: 1
# PROJECT: TIWRM
# FILENAME: nwrc_rivcnl.php
# AUTHOR(S): Thitiporn Meeprasert
# PURPOSE: report sum river data of water resource management
#
# CMD LINE ARG: none
# INPUT:
# OUTPUT:
# DATE CREATED:
# HISTORY:
#
#####
# ***** Main Script *****
#####
#
# GLOBAL VARS:
# MODIFIED:
#
#####
include("config.php");
?>
<html>
<head>
<title>สรุปข้อมูลพื้นฐานการจัดการทรัพยากรน้ำระดับตำบล ข้อมูลแหล่งน้ำธรรมชาติ แม่น้ำ ห้วย คลอง</title>
<META name='Author' content='<?=$author ?>'><META name='Author' content='<?=$author ?>'>
<META NAME='description' CONTENT=''>
<META NAME='keywords' CONTENT=''>
<META http-equiv='Content-Type' content='text/html; charset=TIS-620'>
<style type="text/css">
<!--
.header1 { font-family: Arial, Helvetica, sans-serif; font-size: 8pt; font-weight: bold }

```

```

        td    { font-family: Arial, Helvetica, sans-serif; font-size: 8pt;}
-->
</style>
</head>
<body>
<form name=form1 method=post action=nwrc_rivcnl.php>
<center>สรุปข้อมูลพื้นฐานการจัดการทรัพยากรน้ำระดับตำบล<br><br></center>
<u>ข้อมูลแหล่งน้ำธรรมชาติ แม่น้ำ ห้วย คลอง</u>
<?
    $conn = pg_connect("host=dbms port=5432 user=guest password=**** dbname=nwrc") or die("couldn't make connection");
    if (!$conn) error_log("Unable to open while processing ");

    if ($tmb_id != "") $ext = " where tmbinfo.tmb_id = '$tmb_id' ";
    elseif ($ampinfo_id != "") $ext = " where ampinfo.ampinfo_id = '$ampinfo_id' ";
    elseif ($ampinfo_id == "" && $tmb_id == "") $ext = " where prvinfo.prvinfo_id = '$prvinfo_id' ";

    $sql = "select wrs_name,tmb_name, amp_name,
prv_name,width,length,depth,wl_rain,wl_dry,qlty_stat,qlty_taste,qlty_other,n_fmly_csm,n_rai_rain,n_rai_dry,n_fmly_ind,n_fmly_fsh,
n_rai_dig,dig_year,dig_code
        from rivcnl inner join tmbinfo on rivcnl.tmb_id = tmbinfo.tmb_id
        inner join ampinfo on substring(tmbinfo.tmb_id from 0 for 5) = ampinfo.ampinfo_id
        inner join prvinfo on substring(tmbinfo.tmb_id from 0 for 3) = prvinfo.prvinfo_id
        $ext order by prv_name,amp_name,tmb_name,wrs_name";

// echo "$sql<br><br>";
$rs = pg_Exec($conn, $sql) or die("couldn't execute query");
$dt_result = $rs; $sql_query = $sql;$file = "nwrc_rivcnl.php";

    global $cfgBorder, $cfgBgcolorOne, $cfgBgcolorTwo, $pos, $sql_query;
    global $strTotal,$strPrevious,$strNext,$strPos1,$strEnd,$goto;
    $cfgMaxRows = 15;$cfgMaxPages = 9;

    if (!isset($pos)) $pos = 0; // gen navigator bar
    $pos_next = $pos + $cfgMaxRows; $pos_prev = $pos - $cfgMaxRows;
    $num_rows = @pg_numrows($dt_result); $num_fields = @pg_numfields($dt_result);
    if ($num_rows <= 0) { echo "<center><br><br><br><font color=red><h5>ไม่มีข้อมูล</h5>";exit; }
    $iNumRows = $num_rows;
    if ($num_rows < $pos_next) { $pos_next = $num_rows; }

    $strNavigation .= "<table border=0>\n";

```

```

$strNavigation .= "<td align=left>";
if ($pos >= $cfgMaxRows) {
    //doj added link to beginning of results
    $strNavigation .= "<a href=\"\$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . urlencode($prvinfo_id) . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=0&goto=$goto\">&lt;&lt; $strPos1 </a> | ";
    $strNavigation .= " <a href=\"\$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . urlencode($prvinfo_id) . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=$pos_prev&goto=$goto\">&lt; $strPrevious </a> | ";
} else { $strNavigation .= "&nbsp;"; }
$strNavigation .= "</td>\n"; $strNavigation .= "<td align=center>\n";

//doj now only the previous and next $cfgMaxPages pages will be shown
if (empty($cfgMaxPages)) { $cfgMaxPages = 9; }

$iCount = $pos - ($cfgMaxRows * $cfgMaxPages);
if ($iCount < 0) $iCount = 0;
$iPageCnt = (int)($iCount / $cfgMaxRows);
$iPageStop = $pos + ($cfgMaxRows * ($cfgMaxPages + 1));

for (; $iCount < $iNumRows && $iCount < $iPageStop; $iCount += $cfgMaxRows) { //doj until here
    $iPageCnt++;
    if ($iCount != $pos) {
        $strPages .= "<a href=\"\$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . $prvinfo_id . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=$iCount&goto=$goto\">$iPageCnt</a> | ";
    } else {
        if ($iNumRows > $cfgMaxRows) { $strPages .= "$iPageCnt | "; }
    }
}
$strNavigation .= ereg_replace(" \\| $", "", $strPages);
$strNavigation .= "</td>\n"; $strNavigation .= "<td align=right>";
if ($pos_next < $num_rows) {
    $strNavigation .= " | <a href=\"\$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . $prvinfo_id . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=$pos_next&goto=$goto\"> $strNext &gt;</a>";
    //doj link to end of results
    $pos_end = $num_rows - $cfgMaxRows;
}

```

```

        $strNavigation .= " | <a href=\"\$file?server=$server&db=$db&table=$table&sql_query=".urlencode($sql_query) .
"&prvinfo_id=" . $prvinfo_id . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id)
."&testq_order=".urlencode($testq_order)."&pos=$pos_end&goto=$goto\"> $strEnd &gt;&gt;</a>";
    } else { $strNavigation .= "&nbsp;"; }
    $strNavigation .= "</td>\n"; $strNavigation .= "</table>\n";

    // if ($num_rows > 1) { echo "$strShowingRecords $pos - $pos_next ($num_rows $strTotal)"; } // show number of record
    echo $strNavigation; // show navigator bar
    echo "<table border=$cfgBorder><tr>";
    echo "</tr>\n";
?>
<table border='1' cellspacing=0 width='100%'>
<tr >
    <td align=center class=header1>ลำดับ</td>
    <td align=center bgcolor='#FF9999' class=header1>ชื่อแม่น้ำ, หัว, คลอง</td>
    <td align=center bgcolor='#FF9999' class=header1>ตำแหน่ง</td>
    <td align=center bgcolor='#9999FF' class=header1>กว้าง (ม.)</td>
    <td align=center bgcolor='#9999FF' class=header1>ยาว (ม.)</td>
    <td align=center bgcolor='#9999FF' class=header1>ลึก (ม.)</td>
    <td align=center bgcolor='#FF9944' class=header1>ระดับน้ำใน<br>ฤดูฝน (ม.)</td>
    <td align=center bgcolor='#FF9944' class=header1>ระดับน้ำใน<br>ฤดูแล้ง (ม.)</td>
    <td align=center bgcolor='#FF9944' class=header1>สภาพ</td>
    <td align=center bgcolor='#FF9944' class=header1>รสชาติ</td>
    <td align=center bgcolor='#FF9944' class=header1>อื่นๆ</td>
    <td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>อุปโภค-บริโภค<br>(ครัวเรือน) </td>
    <td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การเพาะปลูกใน<br>ฤดูฝน (ไร่) </td>
    <td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การเพาะปลูกใน<br>ฤดูแล้ง (ไร่) </td>
    <td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>อุตสาหกรรม<br>ในครัวเรือน<br>(ครัวเรือน) <br></td>
    <td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การประมง<br>เลี้ยงสัตว์<br>(ครัวเรือน) <br></td>
    <td align=center bgcolor='#4499FF' class=header1>ขุดลอกแล้ว (ไร่) </td>
    <td align=center bgcolor='#4499FF' class=header1>ปีที่ขุดลอก</td>
    <td align=center bgcolor='#4499FF' class=header1>ยังไม่ได้ขุดลอก</td>
</tr>
<?
    for ($i_row = $pos; $i_row < $pos_next; $i_row++) { // show data
        $row = pg_fetch_row($dt_result, $i_row); unset($primary_key);
        $bgcolor = $cfgBgcolorOne;
        $i_row % 2 ? 0: $bgcolor = $cfgBgcolorTwo;

```

```

echo "<tr bgcolor=$bgcolor>"; $aa = $i_row+1;
echo "<td align=right valign=top>&nbsp;"; $aa . "&nbsp;";</td>\n";
for ($i_field = 0; $i_field < pg_numfields($dt_result); $i_field++) {
    //echo "<td align=right valign=top bgcolor='$color'>&nbsp;$row[$i_field]&nbsp;";</td>\n";
    if (!isset($row[$i_field])) unset($row[$i_field]);
    $field_type = pg_fieldtype($dt_result, $i_field);
    $field_name = pg_fieldname($dt_result, $i_field);
    if ($i_field <= 2) $color="#FFAAAA"; //pink
    elseif ($i_field == 2 || $i_field <= 6) $color="#AAAAFF"; //purple
    elseif ($i_field <= 7 || $i_field <= 11) $color="#FFAA55"; // orange
    elseif ($i_field > 11) $color="#55AAFF"; //blue
    else $color="";
    if ($field_name == "qlty_stat") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;";
        $stat[$row[$i_field]]."&nbsp;";</td>\n";
    }
    elseif ($field_name == "qlty_taste") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;";
        $taste[$row[$i_field]]."&nbsp;";</td>\n";
    }
    elseif ($field_name == "qlty_other") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;";
        $other[$row[$i_field]]."&nbsp;";</td>\n";
    }
    elseif ($i_field == 0 ) {
        echo "<td valign=top bgcolor='$color'>$row[$i_field]&nbsp;";</td>\n";
    }
    elseif ($i_field <= 1 || $i_field <= 3) {
        if ($i_field == 1) echo "<td valign=top bgcolor='$color'>". " ค." . $row[1] . " อ." . $row[2] .
        " จ." . $row[3] . "</td>\n";
    }
    elseif ($field_name == "dig_code") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;"; $dig[$row[$i_field]]."&nbsp;";</td>\n";
    }
    elseif ($field_name == "dig_year") {
        $digyear = ($row[$i_field] == 0 ? "" : $row[$i_field]) ;
        echo "<td align=right valign=top bgcolor='$color'>&nbsp;$digyear&nbsp;";</td>\n";
    }
    elseif (eregi("int|numeric|float", $field_type)) {

```

```

//
number_format($row[$i_field],0,".",",") . " &nbsp;</td>\n";
        echo "<td align=right valign=top bgcolor='$color'>&nbsp;</td>\n";
    } elseif ($cfgShowBlob == false && eregi("BLOB", $field_type)) {
        echo "<td align=right valign=top bgcolor='$color'>&nbsp;</td>\n";
    } elseif (eregi("text|char", $field_type)) {
        // If the text is longer than $cfgMaxText characters, let's cut it short
        if (strlen($row[$i_field]) > $cfgMaxText && !empty($cfgMaxText)) {
            $strLgText = nl2br(htmlspecialchars(substr($row[$i_field], 0, $cfgMaxText))) . "
<br><b>... $strMore ...</b>";
        } else {
            $strLgText = nl2br(htmlspecialchars($row[$i_field]));
        }
        echo "<td valign=top bgcolor='$color'>&nbsp;$strLgText</td>\n";
    } elseif ($field_type == "bool") {
        echo "<td valign=top>&nbsp;</td>\n";
    } else {
        echo "<td valign=top>&nbsp;</td>\n";
    }
}
}
echo "</table>\n";
echo $strNavigation; // show navigator bar
pgclose($conn);

?>
</body>
</html>
*****

```

```

ชื่อโปรแกรม : nwrc_rwsp.php
คำอธิบาย : รายงานข้อมูลพื้นฐานการจัดการทรัพยากรน้ำระดับตำบล ข้อมูลแหล่งน้ำที่ก่อสร้างขึ้น ประปาชนบท โดยเลือกจังหวัด อำเภอ และตำบล โปรแกรมจะทำการค้นหาข้อมูลจากฐานข้อมูล และแสดงผลรายงาน
*****

<?
#####
# NECTEC -- High Performance Computing Research and Development Division --
#
# VERSION: 1
# PROJECT: TIWRM
# FILENAME: nwrc_rwsp.php
# AUTHOR(S): Thitiporn Meeprasert
# PURPOSE: report sum river data of water resource management
#
# CMD LINE ARG: none
# INPUT:
# OUTPUT:
# DATE CREATED:
# HISTORY:
#
#####
# ***** Main Script *****
#####
#
# GLOBAL VARS:
# MODIFIED:
#
#####
include("config.php");
?>
<html>
<head>
<title>สรุปข้อมูลพื้นฐานการจัดการทรัพยากรน้ำระดับตำบล ข้อมูลแหล่งน้ำที่ก่อสร้างขึ้น ประปาชนบท</title>
<META name='Author' content='<?= $author ?>'><META name='Author' content='<?= $author1 ?>'>
<META NAME='description' CONTENT=''>
<META NAME='keywords' CONTENT=''>
<META http-equiv='Content-Type' content='text/html; charset=TIS-620'>
<style type="text/css">
<!--
.header1 { font-family: Arial, Helvetica, sans-serif; font-size: 8pt; font-weight: bold }
td { font-family: Arial, Helvetica, sans-serif; font-size: 8pt;}

```

```

-->
</style>
</head>
<body>
<form name=form1 method=post action=nwrc_rwsp.php>
<center>สรุปข้อมูลพื้นฐานการจัดการทรัพยากรน้ำระดับตำบล<br><br></center>
<u>ข้อมูลแหล่งน้ำที่ก่อสร้างขึ้น ประปาชนบท</u>
<?
    $conn =pg_connect("host=dbms port=5432 user=guest password=*** dbname=nwrc")or die("couldn't make connection");
    if (!$conn)error_log("Unable to open while processing ");

    if ($tmb_id != "") $ext = " where tmbinfo.tmb_id = '$tmb_id' ";
    elseif ($ampinfo_id != "") $ext = " where ampinfo.ampinfo_id = '$ampinfo_id' ";
    elseif ($ampinfo_id == "" && $tmb_id == "") $ext = " where prvinfo.prvinfo_id = '$prvinfo_id' ";

    $sql = "select prj_name,tmb_name, amp_name,
prv_name,agency_id,mub_code,yr_create,wsrc_code,wrs_stat,na_code,n_fmly_csm,n_rai_rain,n_rai_dry,n_fmly_ind,n_fmly_fsh
    from rwsp inner join tmbinfo on rwsp.tmb_id = tmbinfo.tmb_id
    inner join ampinfo on substring(tmbinfo.tmb_id from 0 for 5) = ampinfo.ampinfo_id
    inner join prvinfo on substring(tmbinfo.tmb_id from 0 for 3) = prvinfo.prvinfo_id
    $ext order by prv_name,amp_name,tmb_name,prj_name";

// echo "$sql<br><br>";
$rs = pg_Exec($conn, $sql) or die("couldn't execute query");
$dt_result = $rs; $sql_query = $sql;$file = "nwrc_rwsp.php";

    global $cfgBorder, $cfgBgcolorOne, $cfgBgcolorTwo, $pos, $sql_query;
    global $strTotal,$strPrevious,$strNext,$strPos1,$strEnd,$goto;
    $cfgMaxRows = 15;$cfgMaxPages = 9;

    if (!isset($pos)) $pos = 0; // gen navigator bar
    $pos_next = $pos + $cfgMaxRows; $pos_prev = $pos - $cfgMaxRows;
    $num_rows = @pg_numrows($dt_result); $num_fields = @pg_numfields($dt_result);
    if ($num_rows <= 0) { echo "<center><br><br><br><font color=red><h5>ไม่มีข้อมูล</h5>";exit; }
    $iNumRows = $num_rows;
    if ($num_rows < $pos_next) { $pos_next = $num_rows; }

    $strNavigation .= "<table border=0>\n";
    $strNavigation .= " <td align=left>";

```

```

        if ($pos >= $cfgMaxRows) {
            //doj added link to beginning of results
            $strNavigation .= "<a href=\"$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) . "&prvinfo_id=" . urlencode($prvinfo_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=0&goto=$goto\">&lt;&lt; $strPos1 </a> | ";
            $strNavigation .= " <a href=\"$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . urlencode($prvinfo_id) . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=$pos_prev&goto=$goto\">&lt; $strPrevious </a> | ";
        } else { $strNavigation .= "&nbsp;"; }
        $strNavigation .= "</td>\n"; $strNavigation .= "<td align=center>\n";

        //doj now only the previous and next $cfgMaxPages pages will be shown
        if (empty($cfgMaxPages)) { $cfgMaxPages = 9; }

        $iCount = $pos - ($cfgMaxRows * $cfgMaxPages);
        if ($iCount < 0) $iCount = 0;
        $iPageCnt = (int)($iCount / $cfgMaxRows);
        $iPageStop = $pos + ($cfgMaxRows * ($cfgMaxPages + 1));

        for (; $iCount < $iNumRows && $iCount < $iPageStop; $iCount += $cfgMaxRows) { //doj until here
            $iPageCnt++;
            if ($iCount != $pos) {
                $strPages .= "<a href=\"$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . $prvinfo_id . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=$iCount&goto=$goto\">$iPageCnt</a> | ";
            } else {
                if ($iNumRows > $cfgMaxRows) { $strPages .= "$iPageCnt | "; }
            }
        }
        $strNavigation .= ereg_replace(" \\| $", "", $strPages);
        $strNavigation .= "</td>\n"; $strNavigation .= "<td align=right>";
        if ($pos_next < $num_rows) {
            $strNavigation .= " | <a href=\"$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . $prvinfo_id . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=$pos_next&goto=$goto\"> $strNext &gt;&gt;</a>";
            //doj link to end of results
            $pos_end = $num_rows - $cfgMaxRows;
            $strNavigation .= " | <a href=\"$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . $prvinfo_id . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=$pos_end&goto=$goto\"> $strEnd &gt;&gt;&gt;</a>";
        }
    }
}

```

```

    } else { $strNavigation .= "&nbsp;"; }
    $strNavigation .= "</td>\n"; $strNavigation .= "</table>\n";

    // if ($num_rows > 1) { echo "$strShowingRecords $pos - $pos_next ($num_rows $strTotal)"; } // show number of record
    echo $strNavigation; // show navigator bar
    echo "<table border=$cfgBorder><tr>";
    echo "</tr>\n";
?>
<table border='1' cellspacing=0 width='100%'>
<tr >
    <td align=center class=header1>ลำดับ</td>
    <td align=center bgcolor='#FF9999' class=header1>รหัส/ชื่อโครงการ</td>
    <td align=center bgcolor='#FF9999' class=header1>ตำแหน่ง</td>
    <td align=center bgcolor='#9999FF' class=header1>หน่วยงาน<br>ที่รับ<br>ผิดชอบ</td>
    <td align=center bgcolor='#9999FF' class=header1>สถานที่ตั้ง</td>
    <td align=center bgcolor='#9999FF' class=header1>ปีที่ก่อสร้าง<br>แล้วเสร็จ</td>
    <td align=center bgcolor='#FF9944' class=header1>แหล่งน้ำดิบ</td>
    <td align=center bgcolor='#FF9944' class=header1>สภาพปัจจุบัน</td>
    <td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>อุปโภค-บริโภค<br>(ครัวเรือน) </td>
    <td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การเพาะปลูกใน<br>ฤดูฝน (ไร่)</td>
    <td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การเพาะปลูกใน<br>ฤดูแล้ง (ไร่)</td>
    <td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>อุตสาหกรรม<br>ในครัวเรือน<br>(ครัวเรือน) <br></td>
    <td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การประมง<br>เลี้ยงสัตว์<br>(ครัวเรือน) <br></td>
</tr>
<?
    for ($i_row = $pos; $i_row < $pos_next; $i_row++) { // show data
        $row = pg_fetch_row($dt_result, $i_row); unset($primary_key);
        $bgcolor = $cfgBgcolorOne;
        $i_row % 2 ? 0: $bgcolor = $cfgBgcolorTwo;
        echo "<tr bgcolor=$bgcolor>"; $aa = $i_row+1;
        echo "<td align=right valign=top>&nbsp;"; $aa . "&nbsp;";</td>\n";
        for ($i_field = 0; $i_field < pg_numfields($dt_result); $i_field++) {
            //echo "<td align=right valign=top bgcolor='$color'>&nbsp;$row[$i_field]&nbsp;</td>\n";
            if (!isset($row[$i_field])) unset($row[$i_field]);
            $field_type = pg_fieldtype($dt_result, $i_field);
            $field_name = pg_fieldname($dt_result, $i_field);
            if ($i_field <=2) $color="#FFAAAA"; //pink
            elseif ($i_field == 2 || $i_field <=6) $color="#AAAAFF"; //purple
            elseif ($i_field <= 7 || $i_field <=9) $color="#FFAA55"; // orange

```

```

elseif ($i_field > 9)$color="#55AAFF"; //blue
else $color="";
if ($field_name == "agency_id") {$agen = "";
    $a = split(",", $row[$i_field]); for ($v=0;$v<count($a);$v++) { $agen .=
$rwsp_agen[trim($a[$v])] . ", "; }
    $agen = substr(trim($agen),0,strlen($agen)-2);
    echo "<td align=left valign=top bgcolor='$color'>". $agen . "&nbsp;</td>\n";
}
elseif ($field_name == "mub_code") {
    echo "<td align=left valign=top bgcolor='$color'>มย๓๓". $row[$i_field] . "&nbsp;</td>\n";
}
elseif ($field_name == "wsrc_code") { $rwsp_t = "";
    $a = split(",", $row[$i_field]); for ($v=0;$v<count($a);$v++) { $rwsp_t .=
$wsrcl[trim($a[$v])] . ", "; }
    $rwsp_t = substr(trim($rwsp_t),0,strlen($rwsp_t)-2);
    echo "<td align=left valign=top bgcolor='$color'>". $rwsp_t . "&nbsp;</td>\n";
}
elseif ($field_name == "wrs_stat" || $field_name == "na_code") {
    if ($field_name == "na_code") { $na = ""; $b = split(",", $row[$i_field]);
        for ($v=0;$v<count($b);$v++) { if (trim($b[$v]) != "") $na .= $rwsp_na[trim($b[$v])] .
", "; }
        $na = substr(trim($na),0,strlen(trim($na))-1);
        echo " $na";
    }
    if ($field_name == "wrs_stat") { $dsta = ""; $a = split(",", $row[$i_field]);
        for ($v=0;$v<count($a);$v++) { if (trim($a[$v]) != "") $dsta .= $status[trim($a[$v])] .
", "; }
        $dsta = substr(trim($dsta),0,strlen(trim($dsta))-1);
        echo "<td align=left valign=top bgcolor='$color'>". $dsta;
    }
}
elseif ($i_field == 0 ) {
    echo "<td valign=top bgcolor='$color'>$row[$i_field]&nbsp;</td>\n";
}
elseif ($i_field <= 1 || $i_field <= 3) {
    if ($i_field == 1) echo "<td valign=top bgcolor='$color'>". " ค." . $row[1] . " อ." . $row[2] .
" จ." . $row[3] . "</td>\n";
}
elseif (eregi("int|numeric|float", $field_type)) {

```

```

//
number_format($row[$i_field],0,".",",") . " &nbsp;</td>\n";
        echo "<td align=right valign=top bgcolor='$color'>&nbsp;</td>\n";
    } elseif ($cfgShowBlob == false && eregi("BLOB", $field_type)) {
        echo "<td align=right valign=top bgcolor='$color'>&nbsp;</td>\n";
    } elseif (eregi("text|char", $field_type)) {
        // If the text is longer than $cfgMaxText characters, let's cut it short
        if (strlen($row[$i_field]) > $cfgMaxText && !empty($cfgMaxText)) {
            $strLgText = nl2br(htmlspecialchars(substr($row[$i_field], 0, $cfgMaxText))) . "
<br><b>... $strMore ...</b>";
        } else {
            $strLgText = nl2br(htmlspecialchars($row[$i_field]));
        }
        echo "<td valign=top bgcolor='$color'>&nbsp;$strLgText</td>\n";
    } elseif ($field_type == "bool") {
        echo "<td valign=top>&nbsp;</td>\n";
    } else {
        echo "<td valign=top>&nbsp;</td>\n";
    }
}
}
echo "</table>\n";
echo $strNavigation; // show navigator bar
pgclose($conn);

?>
</body>
</html>
*****

```

ชื่อโปรแกรม : nwrc_storage.php

คำอธิบาย : รายงานข้อมูลพื้นฐานการจัดการทรัพยากรน้ำระดับตำบล ข้อมูลแหล่งน้ำที่ก่อสร้างขึ้น อ่างเก็บน้ำ โดยเลือกจังหวัด อำเภอ และตำบล โปรแกรมจะทำการค้นหาข้อมูลจากฐานข้อมูล และแสดงผลรายงาน

<?

#####

NECTEC -- High Performance Computing Research and Development Division --

#

VERSION: 1

PROJECT: TIWRM

FILENAME: nwrc_storage.php

AUTHOR(S): Thitiporn Meeprasert

PURPOSE: report sum river data of water resource management

#

CMD LINE ARG: none

INPUT:

OUTPUT:

DATE CREATED:

HISTORY:

#

#####

***** Main Script *****

#####

#

GLOBAL VARS:

MODIFIED:

#

#####

include("config.php");

?>

<html>

<head>

<title>สรุปข้อมูลพื้นฐานการจัดการทรัพยากรน้ำระดับตำบล ข้อมูลแหล่งน้ำที่ก่อสร้างขึ้น อ่างเก็บน้ำ</title>

<META name='Author' content='<?= \$author ?>'><META name='Author' content='<?= \$author1 ?>'>

<META NAME='description' CONTENT=''>

<META NAME='keywords' CONTENT=''>

<META http-equiv='Content-Type' content='text/html; charset=TIS-620'>

<style type="text/css">

<!--

.header1 { font-family: Arial, Helvetica, sans-serif; font-size: 8pt; font-weight: bold }

td { font-family: Arial, Helvetica, sans-serif; font-size: 8pt; }

```

-->
</style>
</head>
<body>
<form name=form1 method=post action=nwrc_storage.php>
<center>สรุปข้อมูลพื้นฐานการจัดการทรัพยากรน้ำระดับตำบล<br><br></center>
<u>ข้อมูลแหล่งน้ำที่ก่อสร้างขึ้น อ่างเก็บน้ำ</u>
<?
    $conn =pg_connect("host=dbms port=5432 user=guest password=**** dbname=nwrc")or die("couldn't make connection");
    if (!$conn)error_log("Unable to open while processing ");

    if ($tmb_id != "") $ext = " where tmbinfo.tmb_id = '$tmb_id' ";
    elseif ($ampinfo_id != "") $ext = " where ampinfo.ampinfo_id = '$ampinfo_id' ";
    elseif ($ampinfo_id == "" && $tmb_id == "") $ext = " where prvinfo.prvinfo_id = '$prvinfo_id' ";

    $sql = "select stor_name,tmb_name, amp_name,
prv_name,agency_id,wsrc_code,st_create,end_create,wrs_vol,supply_sys,qlty_stat,qlty_taste,qlty_other,wrs_stat,na_code,n_fmly_csm,
n_rai_rain,n_rai_dry,n_fmly_ind,n_fmly_fsh
        from storage inner join tmbinfo on storage.tmb_id = tmbinfo.tmb_id
        inner join ampinfo on substring(tmbinfo.tmb_id from 0 for 5) = ampinfo.ampinfo_id
        inner join prvinfo on substring(tmbinfo.tmb_id from 0 for 3) = prvinfo.prvinfo_id
        $ext order by prv_name,amp_name,tmb_name,stor_name";

// echo "$sql<br><br>";
$rs = pg_Exec($conn, $sql) or die("couldn't execute query");
$dt_result = $rs; $sql_query = $sql;$file = "nwrc_storage.php";

    global $cfgBorder, $cfgBgcolorOne, $cfgBgcolorTwo, $pos, $sql_query;
    global $strTotal,$strPrevious,$strNext,$strPos1,$strEnd,$goto;
    $cfgMaxRows = 15;$cfgMaxPages = 9;

    if (!isset($pos)) $pos = 0; // gen navigator bar
    $pos_next = $pos + $cfgMaxRows; $pos_prev = $pos - $cfgMaxRows;
    $num_rows = @pg_numrows($dt_result); $num_fields = @pg_numfields($dt_result);
    if ($num_rows <= 0) { echo "<center><br><br><font color=red><h5>ไม่มีข้อมูล</h5>";exit; }
    $iNumRows = $num_rows;
    if ($num_rows < $pos_next) { $pos_next = $num_rows; }

    $strNavigation .= "<table border=0>\n";

```

```

$strNavigation .= "<td align=left>";
if ($pos >= $cfgMaxRows) {
    //doj added link to beginning of results
    $strNavigation .= "<a href=\"$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . urlencode($prvinfo_id) . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=0&goto=$goto\">&lt;&lt; $strPos1 </a> | ";
    $strNavigation .= " <a href=\"$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . urlencode($prvinfo_id) . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=$pos_prev&goto=$goto\">&lt; $strPrevious </a> | ";
} else { $strNavigation .= "&nbsp;"; }
$strNavigation .= "</td>\n"; $strNavigation .= "<td align=center>\n";

//doj now only the previous and next $cfgMaxPages pages will be shown
if (empty($cfgMaxPages)) { $cfgMaxPages = 9; }

$iCount = $pos - ($cfgMaxRows * $cfgMaxPages);
if ($iCount < 0) $iCount = 0;
$iPageCnt = (int)($iCount / $cfgMaxRows);
$iPageStop = $pos + ($cfgMaxRows * ($cfgMaxPages + 1));

for (; $iCount < $iNumRows && $iCount < $iPageStop; $iCount += $cfgMaxRows) { //doj until here
    $iPageCnt++;
    if ($iCount != $pos) {
        $strPages .= "<a href=\"$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . $prvinfo_id . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=$iCount&goto=$goto\">$iPageCnt</a> | ";
    } else {
        if ($iNumRows > $cfgMaxRows) { $strPages .= "$iPageCnt | "; }
    }
}
$strNavigation .= ereg_replace(" \\| $", "", $strPages);
$strNavigation .= "</td>\n"; $strNavigation .= "<td align=right>";
if ($pos_next < $num_rows) {
    $strNavigation .= " | <a href=\"$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . $prvinfo_id . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=$pos_next&goto=$goto\"> $strNext &gt;</a>";
    //doj link to end of results
    $pos_end = $num_rows - $cfgMaxRows;
}

```

```

        $strNavigation .= " | <a href=\"\$file?server=$server&db=$db&table=$table&sql_query=".urlencode($sql_query) .
"&prvinfo_id=" . $prvinfo_id . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id)
."&testq_order=".urlencode($testq_order)."&pos=$pos_end&goto=$goto\"> $strEnd &gt;&gt;</a>";
    } else { $strNavigation .= "&nbsp;"; }
    $strNavigation .= "</td>\n"; $strNavigation .= "</table>\n";

    // if ($num_rows > 1) { echo "$strShowingRecords $pos - $pos_next ($num_rows $strTotal)"; } // show number of record
    echo $strNavigation; // show navigator bar
    echo "<table border=$cfgBorder><tr>";
    echo "</tr>\n";
?>
<table border='1' cellpadding=0 width='100%'>
<tr >
    <td align=center class=header1>ลำดับ</td>
    <td align=center bgcolor='#FF9999' class=header1>ชื่อโครงการ</td>
    <td align=center bgcolor='#FF9999' class=header1>ตำแหน่ง</td>
    <td align=center bgcolor='#9999FF' class=header1>หน่วยงาน<br>ที่รับ<br>คิดขอบ</td>
    <td align=center bgcolor='#9999FF' class=header1>แหล่งน้ำ<br>ของ<br>อ่างเก็บน้ำ</td>
    <td align=center bgcolor='#9999FF' class=header1>ระยะเวลา<br>เริ่มต้น<br>ก่อสร้าง พ.ศ.</td>
    <td align=center bgcolor='#9999FF' class=header1>ระยะเวลา<br>ก่อสร้าง<br>เสร็จ (พ.ศ.)</td>
    <td align=center bgcolor='#9999FF' class=header1>ความจุ<br>อ่างเก็บน้ำ<br>(ล้าน ลบ.ม.) </td>
    <td align=center bgcolor='#FF9944' class=header1>ระบบส่งน้ำ</td>
    <td align=center bgcolor='#FF9944' class=header1>สภาพ</td>
    <td align=center bgcolor='#FF9944' class=header1>สาขา</td>
    <td align=center bgcolor='#FF9944' class=header1>อื่นๆ</td>
    <td align=center bgcolor='#FF9944' class=header1>สภาพปัจจุบัน</td>
    <td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>อุปโภค-บริโภค<br>(ครัวเรือน) </td>
    <td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การเพาะปลูกใน<br>ฤดูฝน (ไร่) </td>
    <td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การเพาะปลูกใน<br>ฤดูแล้ง (ไร่) </td>
    <td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>อุตสาหกรรม<br>ในครัวเรือน<br>(ครัวเรือน) <br></td>
    <td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การประมง<br>เลี้ยงสัตว์<br>(ครัวเรือน) <br></td>
</tr>
<?
    for ($i_row = $pos; $i_row < $pos_next; $i_row++){ // show data
        $row = pg_fetch_row($dt_result, $i_row); unset($primary_key);
        $bgcolor = $cfgBgcolorOne;
        $i_row % 2 ? 0: $bgcolor = $cfgBgcolorTwo;

```

```

echo "<tr bgcolor=$bgcolor>"; $aa = $i_row+1;
echo "<td align=right valign=top>&nbsp;"; $aa . "&nbsp;";</td>\n";
for ($i_field = 0; $i_field < pg_numfields($dt_result); $i_field++) {
    //echo "<td align=right valign=top bgcolor='$color'>&nbsp;$row[$i_field]&nbsp;";</td>\n";
    if (!isset($row[$i_field])) unset($row[$i_field]);
    $field_type = pg_fieldtype($dt_result, $i_field);
    $field_name = pg_fieldname($dt_result, $i_field);
    if ($i_field <= 2) $color="#FFAAAA"; //pink
    elseif ($i_field == 2 || $i_field <=8 )$color="#AAAAFF"; //purple
    elseif ($i_field <= 9 || $i_field <=13 )$color="#FFAA55"; // orange
    elseif ($i_field > 13 )$color="#55AAFF"; //blue
    else $color="";
    if ($field_name == "agency_id") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;";
$agency[$row[$i_field]]."&nbsp;";</td>\n";
    }
    elseif ($field_name == "wsrc_code") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;";
$wsrc[$row[$i_field]]."&nbsp;";</td>\n";
    }
    elseif ($field_name == "supply_sys") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;";
$supply[$row[$i_field]]."&nbsp;";</td>\n";
    }

    elseif ($field_name == "qlty_stat") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;";
$stat[$row[$i_field]]."&nbsp;";</td>\n";
    }
    elseif($field_name == "qlty_taste") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;";
$taste[$row[$i_field]]."&nbsp;";</td>\n";
    }
    elseif($field_name == "qlty_other") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;";
$other[$row[$i_field]]."&nbsp;";</td>\n";
    }
    elseif ($field_name == "wrs_stat" || $field_name == "na_code") {
        if ($field_name == "wrs_stat") echo "<td align=left valign=top bgcolor='$color'>&nbsp;";
$status[$row[$i_field]]. " " . $wrs_na[$row[14]] . "&nbsp;";</td>\n";
    }
}
}

```

```

    }
    elseif ($i_field == 0 ) {
        echo "<td valign=top bgcolor='$color'>$row[$i_field]&nbsp;</td>\n";
    }
    elseif ($i_field <= 1 || $i_field <= 3) {
        if ($i_field == 1) echo "<td valign=top bgcolor='$color'>". " ค." . $row[1] . " อ." . $row[2] .
" จ." . $row[3] . "</td>\n";
    }
    elseif (eregi("int|numeric|float", $field_type)) {
        //
        number_format($row[$i_field],0,".",",") . "&nbsp;</td>\n";
        echo "<td align=right valign=top bgcolor='$color'>&nbsp;</td>\n";
    } elseif ($cfgShowBlob == false && eregi("BLOB", $field_type)) {
        echo "<td align=right valign=top bgcolor='$color'>&nbsp;</td>\n";
    } elseif (eregi("text|char", $field_type)) {
        // If the text is longer than $cfgMaxText characters, let's cut it short
        if (strlen($row[$i_field]) > $cfgMaxText && !empty($cfgMaxText)) {
            $strLgText = nl2br(htmlspecialchars(substr($row[$i_field], 0, $cfgMaxText))) . "
<br><b>... $strMore ...</b>";
        } else {
            $strLgText = nl2br(htmlspecialchars($row[$i_field]));
        }
        echo "<td valign=top bgcolor='$color'>&nbsp;$strLgText</td>\n";
    } elseif ($field_type == "bool") {
        echo "<td valign=top>&nbsp;</td>\n";
    } else {
        echo "<td valign=top>&nbsp;</td>\n";
    }
}
}
echo "</table>\n";
echo $strNavigation; // show navigator bar
pgclose($conn);

?>
</body>
</html>
*****

```

ชื่อโปรแกรม : nwrc_swamp.php

คำอธิบาย : รายงานข้อมูลพื้นฐานการจัดการทรัพยากรน้ำระดับตำบล ข้อมูลแหล่งน้ำธรรมชาติ หนอง บึง โดยเลือกจังหวัด อำเภอ และตำบล โปรแกรมจะทำการค้นหาข้อมูลจากฐานข้อมูล และแสดงผลรายงาน

<?

#####

NECTEC -- High Performance Computing Research and Development Division --

#

VERSION: 1

PROJECT: TIWRM

FILENAME: nwrc_swamp.php

AUTHOR(S): Thitiporn Meeprasert

PURPOSE: report sum swamp data of water resource management

#

CMD LINE ARG: none

INPUT:

OUTPUT:

DATE CREATED:

HISTORY:

#

#####

***** Main Script *****

#####

#

GLOBAL VARS:

MODIFIED:

#

#####

include("config.php");

?>

<html>

<head>

<title>สรุปข้อมูลพื้นฐานการจัดการทรัพยากรน้ำระดับตำบล ข้อมูลแหล่งน้ำธรรมชาติ หนอง บึง</title>

<META name='Author' content='<?= \$author ?>'><META name='Author' content='<?= \$author1 ?>'>

<META NAME='description' CONTENT=''>

<META NAME='keywords' CONTENT=''>

<META http-equiv='Content-Type' content='text/html; charset=TIS-620'>

<style type="text/css">

<!--

.header1 { font-family: Arial, Helvetica, sans-serif; font-size: 8pt; font-weight: bold }

td { font-family: Arial, Helvetica, sans-serif; font-size: 8pt; }

```

-->
</style>
</head>
<body>
<form name=form1 method=post action=nwrc_swamp.php>
<center>สรุปข้อมูลพื้นฐานการจัดการทรัพยากรน้ำระดับตำบล<br><br></center>
<u>ข้อมูลแหล่งน้ำธรรมชาติ หนอง, บึง</u>
<?
    $conn =pg_connect("host=dbms port=5432 user=guest password=**** dbname=nwrc")or die("couldn't make connection");
    if (!$conn)error_log("Unable to open while processing ");

    if ($tmb_id != "") $ext = " where tmbinfo.tmb_id = '$tmb_id' ";
    elseif ($ampinfo_id != "") $ext = " where ampinfo.ampinfo_id = '$ampinfo_id' ";
    elseif ($ampinfo_id == "" && $tmb_id == "") $ext = " where prvinfo.prvinfo_id = '$prvinfo_id' ";

    $sql = "select wrs_name,tmb_name, amp_name,
prv_name,wrs_rai,width,length,depth,wl_rain,wl_dry,qlty_stat,qlty_taste,qlty_other,n_fmly_csm,n_rai_rain,n_rai_dry,n_fmly_ind,n_f
mly_fsh,n_rai_dig,dig_year,dig_code
        from swamp
        inner join tmbinfo on swamp.tmb_id = tmbinfo.tmb_id
        inner join ampinfo on substring(tmbinfo.tmb_id from 0 for 5) = ampinfo.ampinfo_id
        inner join prvinfo on substring(tmbinfo.tmb_id from 0 for 3) = prvinfo.prvinfo_id
        $ext order by prv_name,amp_name,tmb_name,wrs_name";

//    echo "$sql<br><br>";

$rs = pg_Exec($conn, $sql) or die("couldn't execute query");
$dt_result = $rs; $sql_query = $sql;$file = "nwrc_swamp.php";

global $cfgBorder, $cfgBgcolorOne, $cfgBgcolorTwo, $pos, $sql_query;
global $strTotal,$strPrevious,$strNext,$strPos1,$strEnd,$goto;
$cfgMaxRows = 15;$cfgMaxPages = 9;

if (!isset($pos)) $pos = 0; // gen navigator bar
$pos_next = $pos + $cfgMaxRows; $pos_prev = $pos - $cfgMaxRows;
$num_rows = @pg_numrows($dt_result); $num_fields = @pg_numfields($dt_result);
if ($num_rows <= 0) { echo "<center><br><br><br><font color=red><h5>ไม่มีข้อมูล</h5>";exit; }
$iNumRows = $num_rows;
if ($num_rows < $pos_next) { $pos_next = $num_rows; }

```

```

$strNavigation .= "<table border=0>\n";
$strNavigation .= "<td align=left>";
if ($pos >= $cfgMaxRows) {
    //doj added link to beginning of results
    $strNavigation .= "<a href=\"$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . $prvinfo_id . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) . "&testq_order=" .
urlencode($testq_order) . "&pos=0&goto=$goto\">&lt;&lt; $strPos1 </a> | ";
    $strNavigation .= " <a href=\"$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . $prvinfo_id . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) . "&testq_order=" .
urlencode($testq_order) . "&pos=$pos_prev&goto=$goto\">&lt; $strPrevious </a> | ";
} else { $strNavigation .= "&nbsp;"; }
$strNavigation .= "</td>\n"; $strNavigation .= "<td align=center>\n";

//doj now only the previous and next $cfgMaxPages pages will be shown
if (empty($cfgMaxPages)) { $cfgMaxPages = 9; }

$iCount = $pos - ($cfgMaxRows * $cfgMaxPages);
if ($iCount < 0) $iCount = 0;
$iPageCnt = (int)($iCount / $cfgMaxRows);
$iPageStop = $pos + ($cfgMaxRows * ($cfgMaxPages + 1));

for (; $iCount < $iNumRows && $iCount < $iPageStop; $iCount += $cfgMaxRows) { //doj until here
    $iPageCnt++;
    if ($iCount != $pos) {
        $strPages .= "<a href=\"$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . $prvinfo_id . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id)
."&testq_order=" . urlencode($testq_order) . "&pos=$iCount&goto=$goto\">$iPageCnt</a> | ";
    } else {
        if ($iNumRows > $cfgMaxRows) { $strPages .= "$iPageCnt | "; }
    }
}
$strNavigation .= ereg_replace(" \| $", "", $strPages);
$strNavigation .= "</td>\n"; $strNavigation .= "<td align=right>";
if ($pos_next < $num_rows) {
    $strNavigation .= " | <a href=\"$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . $prvinfo_id . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" .
urlencode($tmb_id) . "&testq_order=" . urlencode($testq_order) . "&pos=$pos_next&goto=$goto\"> $strNext &gt;</a>";
    //doj link to end of results
    $pos_end = $num_rows - $cfgMaxRows;
}

```

```

        $strNavigation .= " | <a href=\"\$file?server=$server&db=$db&table=$table&sql_query=".urlencode($sql_query) .
"&prvinfo_id=" . $prvinfo_id . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id)
."&testq_order=".urlencode($testq_order)."&pos=$pos_end&goto=$goto\"> $strEnd &gt;&gt;</a>";
    } else { $strNavigation .= "&nbsp;"; }
    $strNavigation .= "</td>\n"; $strNavigation .= "</table>\n";

    // if ($num_rows > 1) { echo "$strShowingRecords $pos - $pos_next ($num_rows $strTotal)"; } // show number of record
    echo $strNavigation; // show navigator bar
    echo "<table border=$cfgBorder><tr>";
    echo "</tr>\n";
?>
<table border='1' cellpadding=0 width='100%'>
<tr>
<td align=center class=header1>ลำดับ</td>
<td align=center bgcolor='#FF9999' class=header1>ชื่อห้อง บิง</td>
<td align=center bgcolor='#FF9999' class=header1>ตำแหน่ง</td>
<td align=center bgcolor='#9999FF' class=header1>พื้นที่<br>(ไร่)</td>
<td align=center bgcolor='#9999FF' class=header1>กว้าง (ม.)</td>
<td align=center bgcolor='#9999FF' class=header1>ยาว (ม.)</td>
<td align=center bgcolor='#9999FF' class=header1>ลึก (ม.)</td>
<td align=center bgcolor='#FF9944' class=header1>ระดับน้ำใน<br>ฤดูฝน (ม.)</td>
<td align=center bgcolor='#FF9944' class=header1>ระดับน้ำใน<br>ฤดูแล้ง (ม.)</td>
<td align=center bgcolor='#FF9944' class=header1>สภาพ</td>
<td align=center bgcolor='#FF9944' class=header1>รสชาติ</td>
<td align=center bgcolor='#FF9944' class=header1>อื่นๆ</td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>อุปโภค-บริโภค<br>(ครัวเรือน)</td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การเพาะปลูกใน<br>ฤดูฝน (ไร่)</td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การเพาะปลูกใน<br>ฤดูแล้ง (ไร่)</td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>อุตสาหกรรม<br>ในครัวเรือน<br>(ครัวเรือน) <br></td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การประมง<br>เลี้ยงสัตว์<br>(ครัวเรือน) <br></td>
<td align=center bgcolor='#4499FF' class=header1>ขุดลอกแล้ว (ไร่)</td>
<td align=center bgcolor='#4499FF' class=header1>ปีที่ขุดลอก</td>
<td align=center bgcolor='#4499FF' class=header1>ยังไม่ได้ขุดลอก</td>
</tr>
<?
    for ($i_row = $pos; $i_row < $pos_next; $i_row++) { // show data
        $row = pg_fetch_row($dt_result, $i_row); unset($primary_key);

```

```

$bgcolor = $cfgBgcolorOne;
$i_row % 2 ? 0: $bgcolor = $cfgBgcolorTwo;
echo "<tr bgcolor=$bgcolor>"; $aa = $i_row+1;
echo "<td align=right valign=top>&nbsp;"; $aa . " &nbsp;";</td>\n";
for ($i_field = 0; $i_field < pg_numfields($dt_result); $i_field++) {
    if (!isset($row[$i_field])) unset($row[$i_field]);
    $field_type = pg_fieldtype($dt_result, $i_field);
    $field_name = pg_fieldname($dt_result, $i_field);
    if ($i_field <= 2) $color="#FFAAAA"; //pink
    elseif ($i_field == 2 || $i_field <=7) $color="#AAAAFF"; //purple
    elseif ($i_field <= 8 || $i_field <=12) $color="#FFAA55"; // orange
    elseif ($i_field > 12) $color="#55AAFF"; //blue
    else $color="";
    if ($field_name == "qlty_stat") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;";
$stat[$row[$i_field]]."&nbsp;";</td>\n";
    }
    elseif($field_name == "qlty_taste") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;";
$taste[$row[$i_field]]."&nbsp;";</td>\n";
    }
    elseif($field_name == "qlty_other") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;";
$other[$row[$i_field]]."&nbsp;";</td>\n";
    }
    elseif ($i_field == 0 ) {
        echo "<td valign=top bgcolor='$color'>$row[$i_field]&nbsp;";</td>\n";
    }
    elseif ($i_field <= 1 || $i_field <= 3) {
        if ($i_field == 1) echo "<td valign=top bgcolor='$color'>". " ค." . $row[1] . " จ." . $row[2] .
" จ." . $row[3] . "</td>\n";
    }
    elseif($field_name == "dig_code") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;"; $dig[$row[$i_field]]."&nbsp;";</td>\n";
    }
    elseif($field_name == "dig_year") {
        $digyear = ($row[$i_field] == 0 ? "" : $row[$i_field]) ;
        echo "<td align=right valign=top bgcolor='$color'>&nbsp;$digyear&nbsp;";</td>\n";
    }
    elseif (eregi("int|numeric|float", $field_type)) {

```

```

//
number_format($row[$i_field],0,".",",") . " " . "<td align=right valign=top bgcolor='$color'>&nbsp;</td>\n";
echo "<td align=right valign=top bgcolor='$color'>&nbsp;</td>\n";
} elseif ($cfgShowBlob == false && eregi("BLOB", $field_type)) {
echo "<td align=right valign=top bgcolor='$color'>&nbsp;</td>\n";
} elseif (eregi("text|char", $field_type)) {
// If the text is longer than $cfgMaxText characters, let's cut it short
if (strlen($row[$i_field]) > $cfgMaxText && !empty($cfgMaxText)) {
$strLgText = nl2br(htmlspecialchars(substr($row[$i_field], 0, $cfgMaxText))) . "
<br><b>... $strMore ...</b>";
} else {
$strLgText = nl2br(htmlspecialchars($row[$i_field]));
}
echo "<td valign=top bgcolor='$color'>&nbsp;$strLgText</td>\n";
} elseif ($field_type == "bool") {
echo "<td valign=top bgcolor='$color'>&nbsp;</td>\n";
} else {
echo "<td valign=top bgcolor='$color'>&nbsp;</td>\n";
}
}
}
echo "</table>\n";
echo $strNavigation; // show navigator bar
pgclose($conn);

?>
</body>
</html>
*****

```

ชื่อโปรแกรม : nwrc_swell.php

คำอธิบาย : รายงานข้อมูลพื้นฐานการจัดการทรัพยากรน้ำระดับตำบล ข้อมูลแหล่งน้ำที่ก่อสร้างขึ้น บ่อน้ำดิน โดยเลือกจังหวัด อำเภอ และตำบล โปรแกรมจะทำการค้นหาข้อมูลจากฐานข้อมูล และแสดงผลรายงาน

```
<?
#####
#                               NECTEC -- High Performance Computing Research and Development  Division --
#
# VERSION:          1
# PROJECT:          TIWRM
# FILENAME:         nwrc_swell.php
# AUTHOR(S):        Thitiporn Meeprasert
# PURPOSE:          report sum river data of water resource management
#
# CMD LINE ARG: none
# INPUT:
# OUTPUT:
# DATE CREATED:
# HISTORY:
#
#####
# ***** Main Script *****
#####
#
# GLOBAL VARS:
# MODIFIED:
#
#####
include("config.php");
?>
<html>
<head>
<title>สรุปข้อมูลพื้นฐานการจัดการทรัพยากรน้ำระดับตำบล ข้อมูลแหล่งน้ำที่ก่อสร้างขึ้น บ่อน้ำดิน</title>
<META name='Author' content='<?= $author ?>'><META name='Author' content='<?= $author1 ?>'>
<META NAME='description' CONTENT=''>
<META NAME='keywords' CONTENT=''>
<META http-equiv='Content-Type' content='text/html; charset=TIS-620'>
<style type="text/css">
<!--
    .header1 { font-family: Arial, Helvetica, sans-serif; font-size: 8pt; font-weight: bold }
    td      { font-family: Arial, Helvetica, sans-serif; font-size: 8pt;}
```

```

-->
</style>
</head>
<body>
<form name=form1 method=post action=nwrc_swell.php>
<center>สรุปข้อมูลพื้นฐานการจัดการทรัพยากรน้ำระดับตำบล<br><br></center>
<u>ข้อมูลแหล่งน้ำที่ก่อสร้างขึ้น บ่อน้ำดื่ม</u>
<?
    $conn =pg_connect("host=dbms port=5432 user=guest password=**** dbname=nwrc")or die("couldn't make connection");
    if (!$conn)error_log("Unable to open while processing ");

    if ($tmb_id != "") $ext = " where tmbinfo.tmb_id = '$tmb_id' ";
    elseif ($ampinfo_id != "") $ext = " where ampinfo.ampinfo_id = '$ampinfo_id' ";
    elseif ($ampinfo_id == "" && $tmb_id == "") $ext = " where prvinfo.prvinfo_id = '$prvinfo_id' ";

    $sql = "select swell_name,tmb_name, amp_name,
prv_name,agency_id,yr_create,qlty_stat,qlty_taste,qlty_other,swell_type,swell_stat,na_code,n_fmly_csm,n_rai_rain,n_rai_dry,n_fmly
_ind,n_fmly_fsh
    from swell inner join tmbinfo on swell.tmb_id = tmbinfo.tmb_id
    inner join ampinfo on substring(tmbinfo.tmb_id from 0 for 5) = ampinfo.ampinfo_id
    inner join prvinfo on substring(tmbinfo.tmb_id from 0 for 3) = prvinfo.prvinfo_id
    $ext order by prv_name,amp_name,tmb_name,swell_name";

// echo "$sql<br><br>";
$rs = pg_Exec($conn, $sql) or die("couldn't execute query");
$dt_result = $rs; $sql_query = $sql;$file = "nwrc_swell.php";

    global $cfgBorder, $cfgBgcolorOne, $cfgBgcolorTwo, $pos, $sql_query;
    global $strTotal,$strPrevious,$strNext,$strPos1,$strEnd,$goto;
    $cfgMaxRows = 15;$cfgMaxPages = 9;

    if (!isset($pos)) $pos = 0; // gen navigator bar
    $pos_next = $pos + $cfgMaxRows; $pos_prev = $pos - $cfgMaxRows;
    $num_rows = @pg_numrows($dt_result); $num_fields = @pg_numfields($dt_result);
    if ($num_rows <= 0) { echo "<center><br><br><br><font color=red><h5>ไม่มีข้อมูล</h5>";exit; }
    $iNumRows = $num_rows;
    if ($num_rows < $pos_next) { $pos_next = $num_rows; }

```

```

$strNavigation .= "<table border=0>\n";
$strNavigation .= "<td align=left>";
if ($pos >= $cfgMaxRows) {
    //doj added link to beginning of results
    $strNavigation .= "<a href=\"\$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . urlencode($prvinfo_id) . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=0&goto=$goto\">&lt;&lt; $strPos1 </a> | ";
    $strNavigation .= " <a href=\"\$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . urlencode($prvinfo_id) . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=$pos_prev&goto=$goto\">&lt; $strPrevious </a> | ";
} else { $strNavigation .= "&nbsp;"; }
$strNavigation .= "</td>\n"; $strNavigation .= "<td align=center>\n";

//doj now only the previous and next $cfgMaxPages pages will be shown
if (empty($cfgMaxPages)) { $cfgMaxPages = 9; }

$iCount = $pos - ($cfgMaxRows * $cfgMaxPages);
if ($iCount < 0) $iCount = 0;
$iPageCnt = (int)($iCount / $cfgMaxRows);
$iPageStop = $pos + ($cfgMaxRows * ($cfgMaxPages + 1));

for (; $iCount < $iNumRows && $iCount < $iPageStop; $iCount += $cfgMaxRows) { //doj until here
    $iPageCnt++;
    if ($iCount != $pos) {
        $strPages .= "<a href=\"\$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . $prvinfo_id . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=$iCount&goto=$goto\">$iPageCnt</a> | ";
    } else {
        if ($iNumRows > $cfgMaxRows) { $strPages .= "$iPageCnt | "; }
    }
}
$strNavigation .= ereg_replace(" \\| $", "", $strPages);
$strNavigation .= "</td>\n"; $strNavigation .= "<td align=right>";
if ($pos_next < $num_rows) {
    $strNavigation .= " | <a href=\"\$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . $prvinfo_id . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=$pos_next&goto=$goto\"> $strNext &gt;</a>";
    //doj link to end of results
    $pos_end = $num_rows - $cfgMaxRows;
}

```

```

        $strNavigation .= " | <a href=\"\$file?server=$server&db=$db&table=$table&sql_query=".urlencode($sql_query) .
"&prvinfo_id=" . $prvinfo_id . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id)
."&testq_order=".urlencode($testq_order)."&pos=$pos_end&goto=$goto\"> $strEnd &gt;&gt;</a>";
    } else { $strNavigation .= "&nbsp;"; }
    $strNavigation .= "</td>\n"; $strNavigation .= "</table>\n";

    // if ($num_rows > 1) { echo "$strShowingRecords $pos - $pos_next ($num_rows $strTotal)"; } // show number of record
    echo $strNavigation; // show navigator bar
    echo "<table border=$cfgBorder><tr>";
    echo "</tr>\n";
?>
<table border='1' cellpadding=0 width='100%'>
<tr >
<td align=center class=header1>ลำดับ</td>
<td align=center bgcolor='#FF9999' class=header1>รหัส/ชื่อบ่อน้ำดื่ม</td>
<td align=center bgcolor='#FF9999' class=header1>ตำแหน่ง</td>
<td align=center bgcolor='#9999FF' class=header1>หน่วยงาน<br>ที่รับ<br>ผิดชอบ</td>
<td align=center bgcolor='#9999FF' class=header1>ปีที่จะแล้วเสร็จ</td>
<td align=center bgcolor='#FF9944' class=header1>สภาพ</td>
<td align=center bgcolor='#FF9944' class=header1>รหัส</td>
<td align=center bgcolor='#FF9944' class=header1>อื่นๆ</td>
<td align=center bgcolor='#FF9944' class=header1>ชนิดของบ่อ</td>
<td align=center bgcolor='#FF9944' class=header1>สภาพปัจจุบัน</td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>อุปโภค-บริโภค<br>(ครัวเรือน) </td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การเพาะปลูกใน<br>ฤดูฝน (ไร่)</td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การเพาะปลูกใน<br>ฤดูแล้ง (ไร่)</td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>อุตสาหกรรม<br>ในครัวเรือน<br>(ครัวเรือน) <br></td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การประมง<br>เลี้ยงสัตว์<br>(ครัวเรือน) <br></td>
</tr>
<?
    for ($i_row = $pos; $i_row < $pos_next; $i_row++) { // show data
        $row = pg_fetch_row($dt_result, $i_row); unset($primary_key);
        $bgcolor = $cfgBgcolorOne;
        $i_row % 2 ? 0: $bgcolor = $cfgBgcolorTwo;
        echo "<tr bgcolor=$bgcolor>"; $aa = $i_row+1;
        echo "<td align=right valign=top>&nbsp;"; $aa . "&nbsp;";</td>\n";
        for ($i_field = 0; $i_field < pg_numfields($dt_result); $i_field++) {
            //echo "<td align=right valign=top bgcolor='$color'>&nbsp;";$row[$i_field]&nbsp;";</td>\n";

```

```

if (!isset($row[$i_field])) unset($row[$i_field]);
$field_type = pg_fieldtype($dt_result, $i_field);
$field_name = pg_fieldname($dt_result, $i_field);
if ($i_field <= 2) $color="#FFAAAA"; //pink
elseif ($i_field == 2 || $i_field <=5 )$color="#AAAAFF"; //purple
elseif ($i_field <= 6 || $i_field <=10 )$color="#FFAA55"; // orange
elseif ($i_field > 10)$color="#55AAFF"; //blue
else $color="";
if ($field_name == "agency_id") {$agen = "";
    $a = split(",", $row[$i_field]); for ($v=0;$v<count($a);$v++) { $agen .=
$dwel_agent[trim($a[$v])] . ", "; }
    $agen = substr(trim($agen),0,strlen($agen)-2);
    echo "<td align=left valign=top bgcolor='$color'>". $agen . "&nbsp;</td>\n";
}
elseif ($field_name == "qlty_stat") {
    echo "<td align=left valign=top bgcolor='$color'>&nbsp;<td>\n";
$stat[$row[$i_field]]. "&nbsp;</td>\n";
}
elseif ($field_name == "qlty_taste") {
    echo "<td align=left valign=top bgcolor='$color'>&nbsp;<td>\n";
$taste[$row[$i_field]]. "&nbsp;</td>\n";
}
elseif ($field_name == "qlty_other") {
    echo "<td align=left valign=top bgcolor='$color'>&nbsp;<td>\n";
$other[$row[$i_field]]. "&nbsp;</td>\n";
}
elseif ($field_name == "swell_type") {$swell_t = "";
    $a = split(",", $row[$i_field]); for ($v=0;$v<count($a);$v++) { $swell_t .=
$dwel_type[trim($a[$v])] . ", "; }
    $swell_t = substr(trim($swell_t),0,strlen($swell_t)-2);
    echo "<td align=left valign=top bgcolor='$color'>&nbsp;<td>\n";
}
elseif ($field_name == "swell_stat" || $field_name == "na_code") {
    if ($field_name == "swell_stat") { $dsta = ""; $a = split(",", $row[$i_field]);
        for ($v=0;$v<count($a);$v++) { if (trim($a[$v]) != "") $dsta .= $status[trim($a[$v])] .
", "; }
        $dsta = substr(trim($dsta),0,strlen(trim($dsta))-1);
        echo "<td align=left valign=top bgcolor='$color'>". $dsta . " " . $dwel_na[$row[11]] .
"&nbsp;</td>\n";
    }
}

```

```

    }
    elseif ($i_field == 0 ) {
        echo "<td valign=top bgcolor='$color'>$row[$i_field]&nbsp;</td>\n";
    }
    elseif ($i_field <= 1 || $i_field <= 3) {
        if ($i_field == 1) echo "<td valign=top bgcolor='$color'>". " ค." . $row[1] . " อ." . $row[2] .
" จ." . $row[3] . "</td>\n";
    }
    elseif (eregi("int|numeric|float", $field_type)) {
        //
        number_format($row[$i_field],0,".",",") . "&nbsp;</td>\n";
        echo "<td align=right valign=top bgcolor='$color'>&nbsp;   ". $row[$i_field] . "&nbsp;</td>\n";
    } elseif ($cfgShowBlob == false && eregi("BLOB", $field_type)) {
        echo "<td align=right valign=top bgcolor='$color'>&nbsp;   [BLOB]&nbsp;</td>\n";
    } elseif (eregi("text|char", $field_type)) {
        // If the text is longer than $cfgMaxText characters, let's cut it short
        if (strlen($row[$i_field]) > $cfgMaxText && !empty($cfgMaxText)) {
            $strLgText = nl2br(htmlspecialchars(substr($row[$i_field], 0, $cfgMaxText))) . "
<br><b>... $strMore ...</b>";
        } else {
            $strLgText = nl2br(htmlspecialchars($row[$i_field]));
        }
        echo "<td valign=top bgcolor='$color'>&nbsp;   $strLgText</td>\n";
    } elseif ($field_type == "bool") {
        echo "<td valign=top>&nbsp;   "; bool_YesNo($row[$i_field]), "&nbsp;</td>\n";
    } else {
        echo "<td valign=top>&nbsp;   "; nl2br(htmlspecialchars($row[$i_field])), "&nbsp;</td>\n";
    }
}
}
echo "</table>\n";
echo $strNavigation; // show navigator bar
pgclose($conn);

?>
</body>
</html>
*****

```

```

ชื่อโปรแกรม : nwrc_wdevprj.php
คำอธิบาย : รายงานข้อมูลพื้นฐานการจัดการทรัพยากรน้ำระดับตำบล โครงการแหล่งน้ำที่มีแผนก่อสร้างแล้ว และโครงการที่หมู่บ้านต้องการเสนอให้ก่อสร้างในอนาคต โดยเลือกจังหวัด อำเภอก และตำบล โปรแกรมจะทำการค้นหาข้อมูลจากฐานข้อมูล และแสดงผลรายงาน
*****
<?
#####
# NECTEC -- High Performance Computing Research and Development Division --
#
# VERSION: 1
# PROJECT: TIWRM
# FILENAME: nwrc_wdevprj.php
# AUTHOR(S): Thitiporn Meeprasert
# PURPOSE: report sum river data of water resource management
#
# CMD LINE ARG: none
# INPUT:
# OUTPUT:
# DATE CREATED:
# HISTORY:
#
#####
# ***** Main Script *****
#####
#
# GLOBAL VARS:
# MODIFIED:
#
#####
include("config.php");
?>
<html>
<head>
<title>สรุปข้อมูลพื้นฐานการจัดการทรัพยากรน้ำระดับตำบล โครงการแหล่งน้ำที่มีแผนก่อสร้างแล้ว และโครงการที่หมู่บ้านต้องการเสนอให้ก่อสร้างในอนาคต</title>
<META name='Author' content='<?=$author ?>'><META name='Author' content='<?=$author1 ?>'>
<META NAME='description' CONTENT=''>
<META NAME='keywords' CONTENT=''>
<META http-equiv='Content-Type' content='text/html; charset=TIS-620'>
<style type="text/css">
<!--
.header1 { font-family: Arial, Helvetica, sans-serif; font-size: 8pt; font-weight: bold }
td { font-family: Arial, Helvetica, sans-serif; font-size: 8pt;}

```

```

-->
</style>
</head>
<body>
<form name=form1 method=post action=nwrc_wdevprj.php>
<center>สรุปข้อมูลพื้นฐานการจัดการทรัพยากรน้ำระดับตำบล<br><br></center>
<u>โครงการแหล่งน้ำที่มีแผนก่อสร้างแล้ว และโครงการที่หมู่บ้านต้องการเสนอให้ก่อสร้างในอนาคต</u>
<?
    $conn =pg_connect("host=dbms port=5432 user=guest password=**** dbname=nwrc")or die("couldn't make connection");
    if (!$conn) error_log("Unable to open while processing ");

    if ($tmb_id != "") $ext = " where tmbinfo.tmb_id = '$tmb_id' ";
    elseif ($ampinfo_id != "") $ext = " where ampinfo.ampinfo_id = '$ampinfo_id' ";
    elseif ($ampinfo_id == "" && $tmb_id == "") $ext = " where prvinfo.prvinfo_id = '$prvinfo_id' ";

    $sql = "select prj_name,tmb_name, amp_name, prv_name,prj_type,agency_id,prj_object,inplnstat,outplnstat,st_pln,end_pln
    from wdevprj inner join tmbinfo on wdevprj.tmb_id = tmbinfo.tmb_id
    inner join ampinfo on substring(tmbinfo.tmb_id from 0 for 5) = ampinfo.ampinfo_id
    inner join prvinfo on substring(tmbinfo.tmb_id from 0 for 3) = prvinfo.prvinfo_id
    $ext order by prv_name,amp_name,tmb_name";

// echo "$sql<br><br>";
$rs = pg_Exec($conn, $sql) or die("couldn't execute query");
$dt_result = $rs; $sql_query = $sql;$file = "nwrc_wdevprj.php";

    global $cfgBorder, $cfgBgcolorOne, $cfgBgcolorTwo, $pos, $sql_query;
    global $strTotal,$strPrevious,$strNext,$strPos1,$strEnd,$goto;
    $cfgMaxRows = 15;$cfgMaxPages = 9;

    if (!isset($pos)) $pos = 0; // gen navigator bar
    $pos_next = $pos + $cfgMaxRows; $pos_prev = $pos - $cfgMaxRows;
    $num_rows = @pg_numrows($dt_result); $num_fields = @pg_numfields($dt_result);
    if ($num_rows <= 0) { echo "<center><br><br><font color=red><h5>ไม่มีข้อมูล</h5>";exit; }
    $iNumRows = $num_rows;
    if ($num_rows < $pos_next) { $pos_next = $num_rows; }

    $strNavigation .= "<table border=0>\n";
    $strNavigation .= " <td align=left>";
    if ($pos >= $cfgMaxRows) {

```

```

        //doj added link to beginning of results
        $strNavigation .= "<a href=\"$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . urlencode($prvinfo_id) . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=0&goto=$goto\">&lt;&lt; $strPos1 </a> | ";
        $strNavigation .= " <a href=\"$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . urlencode($prvinfo_id) . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=$pos_prev&goto=$goto\">&lt; $strPrevious </a> | ";
    } else { $strNavigation .= "&nbsp;"; }
    $strNavigation .= "</td>\n"; $strNavigation .= "<td align=center>\n";

    //doj now only the previous and next $cfgMaxPages pages will be shown
    if (empty($cfgMaxPages)) { $cfgMaxPages = 9; }

    $iCount = $pos - ($cfgMaxRows * $cfgMaxPages);
    if ($iCount < 0) $iCount = 0;
    $iPageCnt = (int)($iCount / $cfgMaxRows);
    $iPageStop = $pos + ($cfgMaxRows * ($cfgMaxPages + 1));

    for (; $iCount < $iNumRows && $iCount < $iPageStop; $iCount += $cfgMaxRows) {        //doj until here
        $iPageCnt++;
        if ($iCount != $pos) {
            $strPages .= "<a href=\"$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . $prvinfo_id . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=$iCount&goto=$goto\">$iPageCnt</a> | ";
        } else {
            if ($iNumRows > $cfgMaxRows) { $strPages .= "$iPageCnt | "; }
        }
    }
    $strNavigation .= ereg_replace(" \| $", "", $strPages);
    $strNavigation .= "</td>\n"; $strNavigation .= "<td align=right>";
    if ($pos_next < $num_rows) {
        $strNavigation .= " | <a href=\"$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . $prvinfo_id . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=$pos_next&goto=$goto\"> $strNext &gt;&gt;</a>";
        //doj link to end of results
        $pos_end = $num_rows - $cfgMaxRows;
        $strNavigation .= " | <a href=\"$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . $prvinfo_id . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=$pos_end&goto=$goto\"> $strEnd &gt;&gt;&gt;</a>";
    } else { $strNavigation .= "&nbsp;"; }

```

```

        $strNavigation .= "</td>\n"; $strNavigation .= "</table>\n";

//      if ($num_rows > 1) { echo "$strShowingRecords $pos - $pos_next ($num_rows $strTotal)"; } // show number of record
echo $strNavigation; // show navigator bar
echo "<table border=$cfgBorder><tr>";
echo "</tr>\n";
?>
<table border='1' cellpadding=0 width='100%'>
  <tr >
    <td align=center class=header1>ลำดับ</td>
    <td align=center bgcolor='#FF9999' class=header1>ประเภท/ชื่อโครงการ</td>
    <td align=center bgcolor='#FF9999' class=header1>ตำแหน่ง</td>
    <td align=center bgcolor='#9999FF' class=header1>หน่วยงานรับผิดชอบ</td>
    <td align=center bgcolor='#9999FF' class=header1>ประโยชน์ของโครงการ</td>
    <td align=center bgcolor='#9999FF' class=header1>ลักษณะโครงการ<br>ในแผน</td>
    <td align=center bgcolor='#9999FF' class=header1>ลักษณะโครงการ<br>นอกแผน</td>
    <td align=center bgcolor='#FF9944' class=header1>แผนการ<br>ก่อสร้าง<br>เริ่ม (พ.ศ.)</td>
    <td align=center bgcolor='#FF9944' class=header1>แผนการ<br>ก่อสร้าง<br>เสร็จ (พ.ศ.)</td>
  </tr>
  <?
    for ($i_row = $pos; $i_row < $pos_next; $i_row++) { // show data
      $row = pg_fetch_row($dt_result, $i_row); unset($primary_key);
      $bgcolor = $cfgBgcolorOne;
      $i_row % 2 ? 0: $bgcolor = $cfgBgcolorTwo;
      echo "<tr bgcolor=$bgcolor>"; $aa = $i_row+1;
      echo "<td align=right valign=top>&nbsp;"; $aa . "&nbsp;";</td>\n";
      for ($i_field = 0; $i_field < pg_numfields($dt_result); $i_field++) {
        //echo "<td align=right valign=top bgcolor='$color'>&nbsp;$row[$i_field]&nbsp;</td>\n";
        if (!isset($row[$i_field])) unset($row[$i_field]);
        $field_type = pg_fieldtype($dt_result, $i_field);
        $field_name = pg_fieldname($dt_result, $i_field);
        if ($i_field <=2) $color="#FFAAAA"; //pink
        elseif ($i_field == 2 || $i_field <=8 )$color="#AAAAFF"; //purple
        elseif ($i_field <= 9 || $i_field <=11 )$color="#FFAA55"; // orange
        elseif ($i_field > 11 )$color="#55AAFF"; //blue
        else $color="";
        if ($i_field == 0 || $i_field == 4) {
          if ($i_field == 0) echo "<td align=left valign=top bgcolor='$color'>". $pname[$row[$i_field]].
$pname[$row[4]] . "&nbsp;</td>\n";
        }
      }
    }
  </tr>
</table>

```

```

        elseif ($i_field <= 3) {
            if ($i_field == 1) echo "<td valign=top bgcolor='$color'>". " a." . $row[1] . " a." . $row[2] .
" a." . $row[3] . "</td>\n";
        }
        elseif ($field_name == "agency_id") {
            echo "<td align=left valign=top bgcolor='$color'>". $pagen[$row[$i_field]] . "&nbsp;</td>\n";
        }
        elseif ($field_name == "prj_object") {
            $spo = "";
            $a = split(",", $row[$i_field]); for ($v=0; $v<count($a); $v++) { $spo.= $pobj[trim($a[$v])] . ",
"; }

            $spo = substr(trim($spo), 0, strlen($spo)-2);
            echo "<td align=left valign=top bgcolor='$color'>". $spo . "&nbsp;</td>\n";
        }
        elseif ($field_name == "inplnstat" || $field_name == "outplnstat") {
            echo "<td align=left valign=top bgcolor='$color'>". $ptype[$row[$i_field]] . "&nbsp;</td>\n";
        }
        elseif (ereg("int|numeric|float", $field_type)) {
            //
            number_format($row[$i_field], 0, ".", ",") . "&nbsp;</td>\n";
            echo "<td align=right valign=top bgcolor='$color'>&nbsp;   ";
            echo "<td align=right valign=top bgcolor='$color'>&nbsp;   ". $row[$i_field] . " &nbsp;</td>\n";
        } elseif ($cfgShowBlob == false && ereg("BLOB", $field_type)) {
            echo "<td align=right valign=top bgcolor='$color'>&nbsp;   [BLOB]&nbsp;</td>\n";
        } elseif (ereg("text|char", $field_type)) {
            // If the text is longer than $cfgMaxText characters, let's cut it short
            if (strlen($row[$i_field]) > $cfgMaxText && !empty($cfgMaxText)) {
                $strLgText = nl2br(htmlspecialchars(substr($row[$i_field], 0, $cfgMaxText))) . "
<br><b>... $strMore ...</b>";
            } else {
                $strLgText = nl2br(htmlspecialchars($row[$i_field]));
            }
            echo "<td valign=top bgcolor='$color'>&nbsp;   $strLgText</td>\n";
        } elseif ($field_type == "bool") {
            echo "<td valign=top>&nbsp;   "; bool_YesNo($row[$i_field]), "&nbsp;</td>\n";
        } else {
            echo "<td valign=top>&nbsp;   "; nl2br(htmlspecialchars($row[$i_field])), "&nbsp;</td>\n";
        }
    }
}
echo "</table>\n";
echo $strNavigation; // show navigator bar

```

```
pgclose($conn);  
?>  
</body>  
</html>  
*****
```

ชื่อโปรแกรม : nwrc_weir.php

คำอธิบาย : รายงานข้อมูลพื้นฐานการจัดการทรัพยากรน้ำระดับตำบล ข้อมูลแหล่งน้ำที่ก่อสร้างขึ้น ฝ่าย โดยเลือกจังหวัด อำเภอ และตำบล โปรแกรมจะทำการค้นหาข้อมูลจากฐานข้อมูล และแสดงผลรายงาน

<?

#####

NECTEC -- High Performance Computing Research and Development Division --

#

VERSION: 1

PROJECT: TIWRM

FILENAME: nwrc_weir.php

AUTHOR(S): Thitiporn Meeprasert

PURPOSE: report sum river data of water resource management

#

CMD LINE ARG: none

INPUT:

OUTPUT:

DATE CREATED:

HISTORY:

#

#####

***** Main Script *****

#####

#

GLOBAL VARS:

MODIFIED:

#

#####

include("config.php");

?>

<html>

<head>

<title>สรุปข้อมูลพื้นฐานการจัดการทรัพยากรน้ำระดับตำบล ข้อมูลแหล่งน้ำที่ก่อสร้างขึ้น ฝ่าย</title>

<META name='Author' content='<?= \$author ?>'><META name='Author' content='<?= \$author1 ?>'>

<META NAME='description' CONTENT=''>

<META NAME='keywords' CONTENT=''>

<META http-equiv='Content-Type' content='text/html; charset=TIS-620'>

<style type="text/css">

<!--

.header1 { font-family: Arial, Helvetica, sans-serif; font-size: 8pt; font-weight: bold }

td { font-family: Arial, Helvetica, sans-serif; font-size: 8pt; }

```

-->
</style>
</head>
<body>
<form name=form1 method=post action=nwrc_weir.php>
<center>สรุปข้อมูลพื้นฐานการจัดการทรัพยากรน้ำระดับตำบล<br><br></center>
<u>ข้อมูลแหล่งน้ำที่ก่อสร้างขึ้น ฝ่าย</u>
<?
    $conn =pg_connect("host=dbms port=5432 user=guest password=**** dbname=nwrc")or die("couldn't make connection");
    if (!$conn)error_log("Unable to open while processing ");

    if ($tmb_id != "")$ext ="where tmbinfo.tmb_id ='$tmb_id' ";
    elseif ($ampinfo_id != "") $ext = " where ampinfo.ampinfo_id = '$ampinfo_id' ";
    elseif ($ampinfo_id == "" && $tmb_id == "") $ext = " where prvinfo.prvinfo_id = '$prvinfo_id' ";

    $sql = "select weir_name,tmb_name, amp_name,
prv_name,agency_id,wsrc_code,yr_create,width,height,supply_sys,qlty_stat,qlty_taste,qlty_other,weir_stat,na_code,n_fmly_csm,n_rai
_rain,n_rai_dry,n_fmly_ind,n_fmly_fsh,n_rai_dig,dig_year,dig_code
    from weir inner join tmbinfo on weir.tmb_id = tmbinfo.tmb_id
    inner join ampinfo on substring(tmbinfo.tmb_id from 0 for 5) = ampinfo.ampinfo_id
    inner join prvinfo on substring(tmbinfo.tmb_id from 0 for 3) = prvinfo.prvinfo_id
    $ext order by prv_name,amp_name,tmb_name,weir_name";

// echo "$sql<br><br>";
$rs = pg_Exec($conn, $sql) or die("couldn't execute query");
$dt_result = $rs; $sql_query = $sql;$file = "nwrc_weir.php";

    global $cfgBorder, $cfgBgcolorOne, $cfgBgcolorTwo, $pos, $sql_query;
    global $strTotal,$strPrevious,$strNext,$strPos1,$strEnd,$goto;
    $cfgMaxRows = 15;$cfgMaxPages = 9;

    if (!isset($pos)) $pos = 0; // gen navigator bar
    $pos_next = $pos + $cfgMaxRows; $pos_prev = $pos - $cfgMaxRows;
    $num_rows = @pg_numrows($dt_result); $num_fields = @pg_numfields($dt_result);
    if ($num_rows <= 0) { echo "<center><br><br><br><font color=red><h5>ไม่มีข้อมูล</h5>";exit; }
    $iNumRows = $num_rows;
    if ($num_rows < $pos_next) { $pos_next = $num_rows; }

```

```

$strNavigation .= "<table border=0>\n";
$strNavigation .= "<td align=left>";
if ($pos >= $cfgMaxRows) {
    //doj added link to beginning of results
    $strNavigation .= "<a href=\"\$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . urlencode($prvinfo_id) . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=0&goto=$goto\">&lt;&lt; $strPos1 </a> | ";
    $strNavigation .= " <a href=\"\$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . urlencode($prvinfo_id) . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=$pos_prev&goto=$goto\">&lt; $strPrevious </a> | ";
} else { $strNavigation .= "&nbsp;"; }
$strNavigation .= "</td>\n"; $strNavigation .= "<td align=center>\n";

//doj now only the previous and next $cfgMaxPages pages will be shown
if (empty($cfgMaxPages)) { $cfgMaxPages = 9; }

$iCount = $pos - ($cfgMaxRows * $cfgMaxPages);
if ($iCount < 0) $iCount = 0;
$iPageCnt = (int)($iCount / $cfgMaxRows);
$iPageStop = $pos + ($cfgMaxRows * ($cfgMaxPages + 1));

for (; $iCount < $iNumRows && $iCount < $iPageStop; $iCount += $cfgMaxRows) { //doj until here
    $iPageCnt++;
    if ($iCount != $pos) {
        $strPages .= "<a href=\"\$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . $prvinfo_id . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=$iCount&goto=$goto\">$iPageCnt</a> | ";
    } else {
        if ($iNumRows > $cfgMaxRows) { $strPages .= "$iPageCnt | "; }
    }
}
$strNavigation .= ereg_replace(" \| $", "", $strPages);
$strNavigation .= "</td>\n"; $strNavigation .= "<td align=right>";
if ($pos_next < $num_rows) {
    $strNavigation .= " | <a href=\"\$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . $prvinfo_id . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=$pos_next&goto=$goto\"> $strNext &gt;</a>";
    //doj link to end of results
    $pos_end = $num_rows - $cfgMaxRows;
}

```

```

        $strNavigation .= " | <a href=\"\$file?server=$server&db=$db&table=$table&sql_query=".urlencode($sql_query) .
"&prvinfo_id=" . $prvinfo_id . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id)
."&testq_order=".urlencode($testq_order)."&pos=$pos_end&goto=$goto\"> $strEnd &gt;&gt;</a>";
    } else { $strNavigation .= "&nbsp;"; }
    $strNavigation .= "</td>\n"; $strNavigation .= "</table>\n";

    // if ($num_rows > 1) { echo "$strShowingRecords $pos - $pos_next ($num_rows $strTotal)"; } // show number of record
    echo $strNavigation; // show navigator bar
    echo "<table border=$cfgBorder><tr>";
    echo "</tr>\n";
?>
<table border='1' cellpadding=0 width='100%'>
<tr >
<td align=center class=header1>ลำดับ</td>
<td align=center bgcolor='#FF9999' class=header1>ชื่อโครงการ</td>
<td align=center bgcolor='#FF9999' class=header1>ตำแหน่ง</td>
<td align=center bgcolor='#9999FF' class=header1>หน่วยงาน<br>ที่รับ<br>คิดชอบ</td>
<td align=center bgcolor='#9999FF' class=header1>แหล่งน้ำ<br>ของ<br>ฝ่าย</td>
<td align=center bgcolor='#9999FF' class=header1>ปีที่<br>ก่อสร้าง<br>(พ.ศ.)</td>
<td align=center bgcolor='#9999FF' class=header1>กว้าง (ม.)</td>
<td align=center bgcolor='#9999FF' class=header1>สูง (ม.)</td>
<td align=center bgcolor='#FF9944' class=header1>ระบบส่งน้ำ</td>
<td align=center bgcolor='#FF9944' class=header1>สภาพ</td>
<td align=center bgcolor='#FF9944' class=header1>รหัส</td>
<td align=center bgcolor='#FF9944' class=header1>อื่นๆ</td>
<td align=center bgcolor='#FF9944' class=header1>สภาพปัจจุบัน</td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>อุปโภค-บริโภค<br>(ครัวเรือน) </td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การเพาะปลูกใน<br>ฤดูฝน (ไร่)</td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การเพาะปลูกใน<br>ฤดูแล้ง (ไร่)</td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>อุตสาหกรรม<br>ในครัวเรือน<br>(ครัวเรือน) <br></td>
<td align=center bgcolor='#4499FF' class=header1>การใช้ประโยชน์<br>การประมง<br>เลี้ยงสัตว์<br>(ครัวเรือน) <br></td>
<td align=center bgcolor='#4499FF' class=header1>ขุดลอกแล้ว(ไร่)</td>
<td align=center bgcolor='#4499FF' class=header1>ปีที่ขุดลอก</td>
<td align=center bgcolor='#4499FF' class=header1>ยังไม่ได้ขุดลอก</td>
</tr>
<?
        for ($i_row = $pos; $i_row < $pos_next; $i_row++) { // show data

```

```

$row = pg_fetch_row($dt_result, $i_row); unset($primary_key);
$bgcolor = $cfgBgcolorOne;
$i_row % 2 ? 0: $bgcolor = $cfgBgcolorTwo;
echo "<tr bgcolor=$bgcolor>"; $aa = $i_row+1;
echo "<td align=right valign=top>&nbsp;&nbsp;&nbsp;\" . $aa . \"&nbsp;&nbsp;&nbsp;</td>\n\";
for ($i_field = 0; $i_field < pg_numfields($dt_result); $i_field++) {
    //echo "<td align=right valign=top bgcolor='$color'>&nbsp;&nbsp;&nbsp;$row[$i_field]&nbsp;&nbsp;&nbsp;</td>\n\";
    if (!isset($row[$i_field])) unset($row[$i_field]);
    $field_type = pg_fieldtype($dt_result, $i_field);
    $field_name = pg_fieldname($dt_result, $i_field);
    if ($i_field <= 2) $color="#FFAAAA"; //pink
    elseif ($i_field == 2 || $i_field <=8 )$color="#AAAAFF"; //purple
    elseif ($i_field <= 9 || $i_field <=13 )$color="#FFAA55"; // orange
    elseif ($i_field > 13 )$color="#55AAFF"; //blue
    else $color="";
    if ($field_name == "agency_id") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;&nbsp;&nbsp;\".
$agency[$row[$i_field]]."&nbsp;&nbsp;&nbsp;</td>\n\";
    }
    elseif ($field_name == "wsrc_code") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;&nbsp;&nbsp;\".
$wsrc[$row[$i_field]]."&nbsp;&nbsp;&nbsp;</td>\n\";
    }
    elseif ($field_name == "supply_sys") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;&nbsp;&nbsp;\".
$supply[$row[$i_field]]."&nbsp;&nbsp;&nbsp;</td>\n\";
    }
    elseif ($field_name == "qlty_stat") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;&nbsp;&nbsp;\".
$stat[$row[$i_field]]."&nbsp;&nbsp;&nbsp;</td>\n\";
    }
    elseif($field_name == "qlty_taste") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;&nbsp;&nbsp;\".
$taste[$row[$i_field]]."&nbsp;&nbsp;&nbsp;</td>\n\";
    }
    elseif($field_name == "qlty_other") {
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;&nbsp;&nbsp;\".
$other[$row[$i_field]]."&nbsp;&nbsp;&nbsp;</td>\n\";
    }
    elseif ($field_name == "weir_stat" || $field_name == "na_code") {

```

```

        if ($field_name == "weir_stat") echo "<td align=left valign=top bgcolor='$color'>&nbsp;".
$status[$row[$i_field]]. " " . $weir_na[$row[14]] . " &nbsp;</td>\n";
    }
    elseif ($i_field == 0 ) {
        echo "<td valign=top bgcolor='$color'>$row[$i_field]&nbsp;</td>\n";
    }
    elseif ($i_field <= 1 || $i_field <= 3) {
        if ($i_field == 1) echo "<td valign=top bgcolor='$color'>". " ค." . $row[1] . " อ." . $row[2]. "จ.".
$row[3]. "</td>\n";
    }
    elseif($field_name == "dig_code"){
        echo "<td align=left valign=top bgcolor='$color'>&nbsp;". $dig[$row[$i_field]]. "&nbsp;</td>\n";
    }
    elseif($field_name == "dig_year"){
        $digyear = ($row[$i_field] == 0 ? "" : $row[$i_field]) ;
        echo "<td align=right valign=top bgcolor='$color'>&nbsp;$. $digyear&nbsp;</td>\n";
    }
    elseif (ereg("int|numeric|float", $field_type)) {
        //
        number_format($row[$i_field],0,".",",") . " &nbsp;</td>\n";
        echo "<td align=right valign=top bgcolor='$color'>&nbsp;". $row[$i_field] . " &nbsp;</td>\n";
    } elseif ($cfgShowBlob == false && ereg("BLOB", $field_type)) {
        echo "<td align=right valign=top bgcolor='$color'>&nbsp;[BLOB]&nbsp;</td>\n";
    } elseif (ereg("text|char", $field_type)) {
        // If the text is longer than $cfgMaxText characters, let's cut it short
        if (strlen($row[$i_field]) > $cfgMaxText && !empty($cfgMaxText)) {
            $strLgText = nl2br(htmlspecialchars(substr($row[$i_field], 0, $cfgMaxText))) . "
<br><b>... $strMore ...</b>";
        } else {
            $strLgText = nl2br(htmlspecialchars($row[$i_field]));
        }
        echo "<td valign=top bgcolor='$color'>&nbsp;$. $strLgText</td>\n";
    } elseif ($field_type == "bool") {
        echo "<td valign=top>&nbsp;". bool_YesNo($row[$i_field]), " &nbsp;</td>\n";
    } else {
        echo "<td valign=top>&nbsp;". nl2br(htmlspecialchars($row[$i_field])), " &nbsp;</td>\n";
    }
}
}

```

```
        echo "</table>\n";
        echo $strNavigation; // show navigator bar
        pgclose($conn);
    ?>
</body>
</html>
*****
```

```

ชื่อโปรแกรม : nwrc_wshtage.php
คำอธิบาย : รายงานข้อมูลพื้นฐานการจัดการทรัพยากรน้ำระดับตำบล สภาพการขาดแคลนน้ำ โดยเลือกจังหวัด อำเภอ และตำบล โปรแกรมจะทำการค้นหาข้อมูลจากฐานข้อมูล และแสดงผลรายงาน
*****
<?
#####
# NECTEC -- High Performance Computing Research and Development Division --
#
# VERSION: 1
# PROJECT: TIWRM
# FILENAME: nwrc_wshtage.php
# AUTHOR(S): Thitiporn Meeprasert
# PURPOSE: report sum river data of water resource management
#
# CMD LINE ARG: none
# INPUT:
# OUTPUT:
# DATE CREATED:
# HISTORY:
#
#####
# ***** Main Script *****
#####
#
# GLOBAL VARS:
# MODIFIED:
#
#####
include("config.php");
?>
<html>
<head>
<title>สรุปข้อมูลพื้นฐานการจัดการทรัพยากรน้ำระดับตำบล สภาพการขาดแคลนน้ำ</title>
<META name='Author' content='<?= $author ?>'><META name='Author' content='<?= $author1 ?>'>
<META NAME='description' CONTENT=''>
<META NAME='keywords' CONTENT=''>
<META http-equiv='Content-Type' content='text/html; charset=TIS-620'>
<style type="text/css">
<!--
.header1 { font-family: Arial, Helvetica, sans-serif; font-size: 8pt; font-weight: bold }
td { font-family: Arial, Helvetica, sans-serif; font-size: 8pt;}

```

```

-->
</style>
</head>
<body>
<form name=form1 method=post action=nwrc_wshtage.php>
<center>สรุปข้อมูลพื้นฐานการจัดการทรัพยากรน้ำระดับตำบล<br><br></center>
<u>สภาพการขาดแคลนน้ำ</u>
<?
    $conn = pg_connect("host=dbms port=5432 user=guest password=**** dbname=nwrc") or die("couldn't make connection");
    if (!$conn) error_log("Unable to open while processing ");

    if ($tmb_id != "") $ext = " where tmbinfo.tmb_id = '$tmb_id' ";
    elseif ($ampinfo_id != "") $ext = " where ampinfo.ampinfo_id = '$ampinfo_id' ";
    elseif ($ampinfo_id == "" && $tmb_id == "") $ext = " where prvinfo.prvinfo_id = '$prvinfo_id' ";

    $sql = "select tmb_name, amp_name,
prv_name,n_fmly_csm,n_fmly_crp,shtlvl_csm,shtlvl_crp,shtprd_csm,shtprd_crp,sphlp_csm,sphlp_crp,lphlp_csm,lphlp_crp,swhlp_csm,swhlp_crp,lwhlp_csm,lwhlp_crp
    from wshtage inner join tmbinfo on wshtage.tmb_id = tmbinfo.tmb_id
    inner join ampinfo on substring(tmbinfo.tmb_id from 0 for 5) = ampinfo.ampinfo_id
    inner join prvinfo on substring(tmbinfo.tmb_id from 0 for 3) = prvinfo.prvinfo_id
    $ext order by prv_name,amp_name,tmb_name";

// echo "$sql<br><br>";
$rs = pg_Exec($conn, $sql) or die("couldn't execute query");
$dt_result = $rs; $sql_query = $sql;$file = "nwrc_wshtage.php";

global $cfgBorder, $cfgBgcolorOne, $cfgBgcolorTwo, $pos, $sql_query;
global $strTotal,$strPrevious,$strNext,$strPos1,$strEnd,$goto;
$cfgMaxRows = 15;$cfgMaxPages = 9;

if (!isset($pos)) $pos = 0; // gen navigator bar
$pos_next = $pos + $cfgMaxRows; $pos_prev = $pos - $cfgMaxRows;
$num_rows = @pg_numrows($dt_result); $num_fields = @pg_numfields($dt_result);
if ($num_rows <= 0) { echo "<center><br><br><font color=red><h5>ไม่มีข้อมูล</h5>";exit; }
$iNumRows = $num_rows;
if ($num_rows < $pos_next) { $pos_next = $num_rows; }

$strNavigation .= "<table border=0>\n";
$strNavigation .= "<td align=left>";

```

```

        if ($pos >= $cfgMaxRows) { //doj added link to beginning of results
            $strNavigation .= "<a href=\"$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . urlencode($prvinfo_id) . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=0&goto=$goto\">&lt;&lt; $strPos1 </a> | ";
            $strNavigation .= " <a href=\"$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . urlencode($prvinfo_id) . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=$pos_prev&goto=$goto\">&lt; $strPrevious </a> | ";
        } else { $strNavigation .= "&nbsp;"; }
        $strNavigation .= "</td>\n"; $strNavigation .= "<td align=center>\n";

        //doj now only the previous and next $cfgMaxPages pages will be shown
        if (empty($cfgMaxPages)) { $cfgMaxPages = 9; }

        $iCount = $pos - ($cfgMaxRows * $cfgMaxPages);
        if ($iCount < 0) $iCount = 0;
        $iPageCnt = (int)($iCount / $cfgMaxRows);
        $iPageStop = $pos + ($cfgMaxRows * ($cfgMaxPages + 1));

        for (; $iCount < $iNumRows && $iCount < $iPageStop; $iCount += $cfgMaxRows) { //doj until here
            $iPageCnt++;
            if ($iCount != $pos) {
                $strPages .= "<a href=\"$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . $prvinfo_id . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=$iCount&goto=$goto\">$iPageCnt</a> | ";
            } else {
                if ($iNumRows > $cfgMaxRows) { $strPages .= "$iPageCnt | "; }
            }
        }
        $strNavigation .= ereg_replace(" \| $", "", $strPages);
        $strNavigation .= "</td>\n"; $strNavigation .= "<td align=right>";
        if ($pos_next < $num_rows) {
            $strNavigation .= " | <a href=\"$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . $prvinfo_id . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=$pos_next&goto=$goto\"> $strNext &gt;&gt;</a>";
            //doj link to end of results
            $pos_end = $num_rows - $cfgMaxRows;
            $strNavigation .= " | <a href=\"$file?server=$server&db=$db&table=$table&sql_query=" . urlencode($sql_query) .
"&prvinfo_id=" . $prvinfo_id . "&ampinfo_id=" . urlencode($ampinfo_id) . "&tmb_id=" . urlencode($tmb_id) .
"&testq_order=" . urlencode($testq_order) . "&pos=$pos_end&goto=$goto\"> $strEnd &gt;&gt;&gt;</a>";
        } else { $strNavigation .= "&nbsp;"; }
    }

```

```

        $strNavigation .= "</td>\n"; $strNavigation .= "</table>\n";

//      if ($num_rows > 1) { echo "$strShowingRecords $pos - $pos_next ($num_rows $strTotal)"; } // show number of record
echo $strNavigation; // show navigator bar
echo "<table border=$cfgBorder><tr>";
echo "</tr>\n";
?>
<table border='1' cellspacing=0 width='100%'>
<tr >
<td align=center class=header1>ลำดับ</td>
<td align=center bgcolor='#FF9999' class=header1>ตำแหน่ง</td>
<td align=center bgcolor='#9999FF' class=header1>สภาพการ<br>ขาดแคลน<br>อุปโภค<br>บริโภค
<td align=center bgcolor='#9999FF' class=header1>สภาพการ<br>ขาดแคลน<br>การเพาะปลูก
<td align=center bgcolor='#9999FF' class=header1>ระดับการ<br>ขาดแคลน<br>อุปโภค<br>บริโภค
<td align=center bgcolor='#9999FF' class=header1>ระดับการ<br>ขาดแคลน<br>การเพาะปลูก
<td align=center bgcolor='#9999FF' class=header1>ระยะเวลา<br>การขาดแคลน<br>อุปโภค<br>บริโภค
<td align=center bgcolor='#9999FF' class=header1>ระยะเวลา<br>การขาดแคลน<br>การเพาะปลูก
<td align=center bgcolor='#FFAA55' class=header1>การช่วยเหลือ<br>ระยะสั้น<br>อุปโภค-บริโภค<br>ที่ผ่านมา</td>
<td align=center bgcolor='#FFAA55' class=header1>การช่วยเหลือ<br>ระยะสั้น<br>การเพาะปลูก<br>ที่ผ่านมา</td>
<td align=center bgcolor='#FFAA55' class=header1>การช่วยเหลือ<br>ระยะยาว<br>อุปโภค-บริโภค<br>ที่ผ่านมา</td>
<td align=center bgcolor='#FFAA55' class=header1>การช่วยเหลือ<br>ระยะยาว<br>การเพาะปลูก<br>ที่ผ่านมา</td>
<td align=center bgcolor='#4499FF' class=header1>การช่วยเหลือ<br>ระยะสั้น<br>อุปโภค-บริโภค<br>ที่ต้องการ</td>
<td align=center bgcolor='#4499FF' class=header1>การช่วยเหลือ<br>ระยะสั้น<br>การเพาะปลูก<br>ที่ต้องการ</td>
<td align=center bgcolor='#4499FF' class=header1>การช่วยเหลือ<br>ระยะยาว<br>อุปโภค-บริโภค<br>ที่ต้องการ</td>
<td align=center bgcolor='#4499FF' class=header1>การช่วยเหลือ<br>ระยะยาว<br>การเพาะปลูก<br>ที่ต้องการ</td>

</tr>
<?
for ($i_row = $pos; $i_row < $pos_next; $i_row++) { // show data
    $row = pg_fetch_row($dt_result, $i_row); unset($primary_key);
    $bgcolor = $cfgBgcolorOne;
    $i_row % 2 ? 0: $bgcolor = $cfgBgcolorTwo;
    echo "<tr bgcolor=$bgcolor>"; $aa = $i_row+1;
    echo "<td align=right valign=top>&nbsp;  "; $aa . "&nbsp;  ";</td>\n";
    for ($i_field = 0; $i_field < pg_numfields($dt_result); $i_field++) {
        //echo "<td align=right valign=top bgcolor='$color'>&nbsp;  "; $row[$i_field]&nbsp;  ";</td>\n";
        if (!isset($row[$i_field])) unset($row[$i_field]);
        $field_type = pg_fieldtype($dt_result, $i_field);
    }
}

```

```

$field_name = pg_fieldname($dt_result, $i_field);
if ($i_field == 1) $color="#FFAAAA"; //pink
elseif ($i_field == 2 || $i_field <=8 )$color="#AAAAFF"; //purple
elseif ($i_field <= 9 || $i_field <=12 )$color="#FFAA55"; // orange
elseif ($i_field > 12)$color="#55AAFF"; //blue
else $color="";
if ($i_field <= 1 || $i_field <=2 ) {
    if ($i_field == 1) echo "<td valign=top bgcolor='$color'>&nbsp;". $row[3] . " ค." . $row[0] . "
จ." . $row[1] . " จ." . $row[2] . "</td>\n";
}
elseif($field_name == "shtprd_csm") {
    if ($row[$i_field] != "" && trim($row[$i_field]) != 0) $mon = $tmontha[date("n",
mktime(0,0,0,(substr($row[$i_field],0,2)+1),0,0))-1] . "-" . $tmontha[date("n",
mktime(0,0,0,(substr($row[$i_field],2,2)+1),0,0))-1] ;
    else $mon = "";
    echo "<td valign=top bgcolor='$color'>". $mon . "&nbsp;</td>\n";
}
elseif($field_name == "shtprd_crp") {
    if ($row[$i_field] != "" && trim($row[$i_field]) != 0) $mon = $tmontha[date("n",
mktime(0,0,0,(substr($row[$i_field],0,2)+1),0,0))-1] . "-" . $tmontha[date("n",
mktime(0,0,0,(substr($row[$i_field],2,2)+1),0,0))-1] ;
    else $mon = "";
    echo "<td valign=top bgcolor='$color'>". $mon . "&nbsp;</td>\n";
}
elseif ($field_name == "sphlp_csm") {$sphlp_csm = "";
$a = split(",",$row[$i_field]); for ($v=0;$v<count($a);$v++) { $sphlp_csm.=
$shelp[trim($a[$v])] . ", "; }
$sphlp_csm = substr(trim($sphlp_csm),0,strlen($sphlp_csm)-2);
echo "<td align=left valign=top bgcolor='$color'>". $sphlp_csm . "&nbsp;</td>\n";
}
elseif ($field_name == "sphlp_crp") {$sphlp_crp = "";
$a = split(",",$row[$i_field]); for ($v=0;$v<count($a);$v++) { $sphlp_crp.=
$shelp[trim($a[$v])] . ", "; }
$sphlp_crp = substr(trim($sphlp_crp),0,strlen($sphlp_crp)-2);
echo "<td align=left valign=top bgcolor='$color'>". $sphlp_crp . "&nbsp;</td>\n";
}
elseif ($field_name == "lphlp_csm") {$lphlp_csm = "";
$a = split(",",$row[$i_field]); for ($v=0;$v<count($a);$v++) { $lphlp_csm.=
$lhelp[trim($a[$v])] . ", "; }
$lphlp_csm = substr(trim($lphlp_csm),0,strlen($lphlp_csm)-2);

```

```

        echo "<td align=left valign=top bgcolor='$color'>". $lphlp_csm ."&nbsp;</td>\n";
    }
    elseif ($field_name == "lphlp_crp") { $lphlp_crp = "";
        $a = split(",", $row[$i_field]); for ($v=0; $v<count($a); $v++) { $lphlp_crp.=
$lhelp[trim($a[$v])] . ", "; }
        $lphlp_crp = substr(trim($lphlp_crp), 0, strlen($lphlp_crp)-2);
        echo "<td align=left valign=top bgcolor='$color'>". $lphlp_crp ."&nbsp;</td>\n";
    }
    elseif ($field_name == "swhlp_csm") { $swhlp_csm = "";
        $a = split(",", $row[$i_field]); for ($v=0; $v<count($a); $v++) { $swhlp_csm.=
$shelp[trim($a[$v])] . ", "; }
        $swhlp_csm = substr(trim($swhlp_csm), 0, strlen($swhlp_csm)-2);
        echo "<td align=left valign=top bgcolor='$color'>". $swhlp_csm ."&nbsp;</td>\n";
    }
    elseif ($field_name == "swhlp_crp") { $swhlp_crp = "";
        $a = split(",", $row[$i_field]); for ($v=0; $v<count($a); $v++) { $swhlp_crp.=
$shelp[trim($a[$v])] . ", "; }
        $swhlp_crp = substr(trim($swhlp_crp), 0, strlen($swhlp_crp)-2);
        echo "<td align=left valign=top bgcolor='$color'>". $swhlp_crp ."&nbsp;</td>\n";
    }
    elseif ($field_name == "lwhlp_csm") { $lwhlp_csm = "";
        $a = split(",", $row[$i_field]); for ($v=0; $v<count($a); $v++) { $lwhlp_csm.=
$lhelp[trim($a[$v])] . ", "; }
        $lwhlp_csm = substr(trim($lwhlp_csm), 0, strlen($lwhlp_csm)-2);
        echo "<td align=left valign=top bgcolor='$color'>". $lwhlp_csm ."&nbsp;</td>\n";
    }
    elseif ($field_name == "lwhlp_crp") { $lwhlp_crp = "";
        $a = split(",", $row[$i_field]); for ($v=0; $v<count($a); $v++) { $lwhlp_crp.=
$lhelp[trim($a[$v])] . ", "; }
        $lwhlp_crp = substr(trim($lwhlp_crp), 0, strlen($lwhlp_crp)-2);
        echo "<td align=left valign=top bgcolor='$color'>". $lwhlp_crp ."&nbsp;</td>\n";
    }
    elseif (ereg("int|numeric|float", $field_type)) {
//
number_format($row[$i_field], 0, ".", ",") . "&nbsp;</td>\n";
        echo "<td align=right valign=top bgcolor='$color'>&nbsp;  ". $row[$i_field] . "&nbsp;</td>\n";
    } elseif ($cfgShowBlob == false && ereg("BLOB", $field_type)) {
        echo "<td align=right valign=top bgcolor='$color'>&nbsp;  [BLOB]&nbsp;</td>\n";
    } elseif (ereg("text|char", $field_type)) {
        // If the text is longer than $cfgMaxText characters, let's cut it short

```

```

        if (strlen($row[$i_field]) > $cfgMaxText && !empty($cfgMaxText)) {
            $strLgText = nl2br(htmlspecialchars(substr($row[$i_field], 0, $cfgMaxText))) . "
<br><b>... $strMore ...</b>";
        } else {
            $strLgText = nl2br(htmlspecialchars($row[$i_field]));
        }
        echo "<td valign=top bgcolor='$color'>&nbsp;$strLgText</td>\n";
    } elseif ($field_type == "bool") {
        echo "<td valign=top>&nbsp;"; bool_YesNo($row[$i_field]), "&nbsp;</td>\n";
    } else {
        echo "<td valign=top>&nbsp;"; nl2br(htmlspecialchars($row[$i_field])), "&nbsp;</td>\n";
    }
}
}
echo "</table>\n";
echo $strNavigation; // show navigator bar
pgclose($conn);

?>
</body>
</html>
*****

```

```

ชื่อโปรแกรม : gen_ani_CMP.php
คำอธิบาย : โปรแกรมทำภาพเรดาร์ซุมพร ให้เป็นภาพเคลื่อนไหว
*****
<?
#####
# NECTEC -- High Performance Computing Research and Development Division --
#
# VERSION: 1
# PROJECT:
# FILENAME: gen_ani_CMP.html
# AUTHOR(S): Thitiporn Meeprasert
# PURPOSE: generate animator radar image radar CMP
#
# CMD LINE ARG: none
# INPUT:
# OUTPUT:
# DATE CREATED:
# HISTORY:
#
#####
# ***** Main Script *****
#####
#
# GLOBAL VARS:
# MODIFIED:
#
#####
include("../date.class");

$cd = date("j");
$cm = date("n");
$cy = date("Y");
$time = (int)date("H") - 7 ; //GMT
$time = Date("H",mktime($time,0,0,$cm,$cd,$cy));
$idir = "../.../TIWRM/TyphoonTracking/radarImages";
for($i=0;$i < 24;$i++) {
    $t = $time - $i ; // use time back in 24 hour
    $dauer = Date("Ymd",mktime($t,0,0,$cm,$cd,$cy));
    $tt = ($t < 0) ? 24+$t: $t;
    $x = (strlen($tt) ==1) ? "0". $tt : $tt ;
}

```

```
        $e[$i] = "$idir/CMP_$dauer". $x . "*.gif ";
    }
    for ($c=24;$c >= 0;$c--) { $entry .= $e[$c]; }
    $command = "/usr/bin/X11/convert -delay 60 -geometry 320x240 $entry $idir/A24_CMP_lastest.gif";
//    echo "$command<br>";
    exec($command);
?>
*****
```

```

ชื่อโปรแกรม : gen_ani_DMGl20.php
คำอธิบาย : โปรแกรมทำภาพเรดาร์ตอนเมืองรัศมี 120 กม. เป็นภาพเคลื่อนไหว
*****
<?
#####
# NECTEC -- High Performance Computing Research and Development Division --
#
# VERSION: 1
# PROJECT:
# FILENAME: gen_ani_DMGl20.php
# AUTHOR(S): Thitiporn Meeprasert
# PURPOSE: generate animater radar image radar DMGl20
#
# CMD LINE ARG: none
# INPUT:
# OUTPUT:
# DATE CREATED:
# HISTORY:
#
#####
# ***** Main Script *****
#####
#
# GLOBAL VARS:
# MODIFIED:
#
#####
include("../date.class");
$cd = date("j");
$cm = date("n");
$cy = date("Y");
$time = (int)date("H") - 7 ; //GMT
$time = Date("H",mktime($time,0,0,$cm,$cd,$cy));
//echo date("H") . " time $time<br>";
$idir = "../TIWRM/TyphoonTracking/radarImages";
for($i=0;$i < 24;$i++) {
    $t = $time - $i ; // use time back in 24 hour
    $dauer = Date("Ymd",mktime($t,0,0,$cm,$cd,$cy));
    $tt = ($t < 0) ? 24+$t: $t;
    $x = (strlen($tt) ==1) ? "0". $tt : $tt ;
}

```

```
        $e[$i] = "$idir/DMG120_$dauer". $x . "*.gif ";
    }
    for ($c=24;$c >= 0;$c--) { $entry .= $e[$c];}
//    echo "$entry<br>";
    $command = "/usr/bin/X11/convert -delay 60 -geometry 320x240 $entry $idir/A24_DMG120_lastest.gif";
//    echo "<br>$command<br>";
    exec($command);
?>
*****
```

```

ชื่อโปรแกรม : gen_ani_DMG300.php
คำอธิบาย : โปรแกรมทำภาพเรดาร์คอนเมือง รัศมี 300 กม. ให้เป็นภาพเคลื่อนไหว
*****
<?
#####
# NECTEC -- High Performance Computing Research and Development Division --
#
# VERSION: 1
# PROJECT:
# FILENAME: gen_ani_DMG300.php
# AUTHOR(S): Thitiporn Meeprasert
# PURPOSE: generate animater radar image radar DMG300
#
# CMD LINE ARG: none
# INPUT:
# OUTPUT:
# DATE CREATED:
# HISTORY:
#
#####
# ***** Main Script *****
#####
#
# GLOBAL VARS:
# MODIFIED:
#
#####
include("../date.class");

$cd = date("j");
$cm = date("n");
$cy = date("Y");
$time = (int)date("H") - 7 ; //GMT
$time = Date("H",mktime($time,0,0,$cm,$cd,$cy));
$idir = "../TIWRM/TyphoonTracking/radarImages";
for($i=0;$i < 24;$i++) {
    $t = $time - $i ; // use time back in 24 hour
    $dauer = Date("Ymd",mktime($t,0,0,$cm,$cd,$cy));
    $tt = ($t < 0) ? 24+$t: $t;
    $x = (strlen($tt) ==1) ? "0". $tt : $tt ;
}

```

```
        $e[$i] = "$idir/DMG300_$dauer". $x . "*.gif ";
    }
    for ($c=24;$c >= 0;$c--) { $entry .= $e[$c]; }
    $command = "/usr/bin/X11/convert -delay 60 -geometry 320x240 $entry $idir/A24_DMG300_lastest.gif";
    exec($command);
?>
*****
```

```

ชื่อโปรแกรม : gen_ani_HHN.php
คำอธิบาย : โปรแกรมทำภาพเรดาร์หัวหิน ให้เป็นภาพเคลื่อนไหว
*****
<?
#####
# NECTEC -- High Performance Computing Research and Development Division --
#
# VERSION: 1
# PROJECT:
# FILENAME: gen_ani_HHN.html
# AUTHOR(S): Thitiporn Meeprasert
# PURPOSE: generate animater radar image radar HHN
#
# CMD LINE ARG: none
# INPUT:
# OUTPUT:
# DATE CREATED:
# HISTORY:
#
#####
# ***** Main Script *****
#####
#
# GLOBAL VARS:
# MODIFIED:
#
#####
include("../date.class");

$cd = date("j");
$cm = date("n");
$cy = date("Y");
$time = (int)date("H") - 7 ; //GMT
$time = Date("H",mktime($time,0,0,$cm,$cd,$cy));
$idir = "../TIWRM/TyphoonTracking/radarImages";
for($i=0;$i < 24;$i++) {
    $t = $time - $i ; // use time back in 24 hour
    $dauer = Date("Ymd",mktime($t,0,0,$cm,$cd,$cy));
    $tt = ($t < 0) ? 24+$t: $t;
    $x = (strlen($tt) ==1) ? "0". $tt : $tt ;
}

```

```
        $e[$i] = "$idir/HHN_$dauer". $x . "*.gif ";
    }
    for ($c=24;$c >= 0;$c--) { $entry .= $e[$c]; }
    $command = "/usr/bin/X11/convert -delay 60 -geometry 320x240 $entry $idir/A24_HHN_lastest.gif";
//    echo "$command<br>";
    exec($command);
?>
*****
```

```

ชื่อโปรแกรม : gen_ani_HHN1.php
คำอธิบาย : โปรแกรมทำภาพเรดาร์หัวหินจากสำนักฝนหลวง ให้เป็นภาพเคลื่อนไหว
*****
<?
#####
# NECTEC -- High Performance Computing Research and Development Division --
#
# VERSION: 1
# PROJECT:
# FILENAME: gen_ani_HHN1.html
# AUTHOR(S): Thitiporn Meeprasert
# PURPOSE: generate animator radar image radar HHN1
#
# CMD LINE ARG: none
# INPUT:
# OUTPUT:
# DATE CREATED:
# HISTORY:
#
#####
# ***** Main Script *****
#####
#
# GLOBAL VARS:
# MODIFIED:
#
#####
include("../date.class");

$cd = date("j");
$cm = date("n");
$cy = date("Y");
//$time = (int)date("H") - 7 ; //GMT
$time = date("H") ;
//$time = Date("H",mktime($time,0,0,$cm,$cd,$cy));
$idir = "../TIWRM/TyphoonTracking/radarImages";
for($i=0;$i < 6;$i++) {
    $t = $time - $i ; // use time back in 24 hour
    $dauer = Date("Ymd",mktime($t,0,0,$cm,$cd,$cy));
    $tt = ($t < 0) ? 24+$t: $t;

```

```
        $x = (strlen($tt) ==1) ? "0". $tt : $tt ;
        $e[$i] = "$idir/HHN1_$dauer". $x . "*.gif ";
    }
    for ($c=24;$c >= 0;$c--) { $entry .= $e[$c]; }
    $command = "/usr/bin/X11/convert -delay 60 -geometry 320x240 $entry $idir/A24_HHN1_lastest.gif";
//    echo "$command<br>";
    exec($command);
?>
*****
```

```

ชื่อโปรแกรม : gen_ani_KRT.php
คำอธิบาย : โปรแกรมทำภาพเรดาร์โคราช ให้เป็นภาพเคลื่อนไหว
*****
<?
#####
# NECTEC -- High Performance Computing Research and Development Division --
#
# VERSION: 1
# PROJECT:
# FILENAME: gen_ani_KRT.php
# AUTHOR(S): Thitiporn Meeprasert
# PURPOSE: generate animater radar image radar KRT
#
# CMD LINE ARG: none
# INPUT:
# OUTPUT:
# DATE CREATED:
# HISTORY:
#
#####
# ***** Main Script *****
#####
#
# GLOBAL VARS:
# MODIFIED:
#
#####
include("../date.class");

$cd = date("j");
$cm = date("n");
$cy = date("Y");
$time = (int)date("H") -7 ; //filename use GMT
$time = Date("H",mktime($time,0,0,$cm,$cd,$cy));
$idir = "../.../TIWRM/TyphoonTracking/radarImages";
for($i=0;$i < 24;$i++) {
    $t = $time - $i ; // use time back in 24 hour
    $dauer = Date("Ymd",mktime($t,0,0,$cm,$cd,$cy));
    $tt = ($t <0) ? 24+$t: $t;
    $x = (strlen($tt) ==1) ? "0". $tt : $tt ;
}

```

```
        $e[$i] = "$idir/KRT_$dauer". $x . "*.gif ";
    }
    for ($c=24;$c >= 0;$c--) { $entry .= $e[$c]; }
    $command = "/usr/bin/X11/convert -delay 60 -geometry 320x240 $entry $idir/A24_KRT_lastest.gif";
    exec($command);
?>
*****
```

```

ชื่อโปรแกรม : gen_ani_OKI.php
คำอธิบาย : โปรแกรมทำภาพเรดาร์อมก๋อย ให้เป็นภาพเคลื่อนไหว
*****
<?
#####
# NECTEC -- High Performance Computing Research and Development Division --
#
# VERSION: 1
# PROJECT:
# FILENAME: gen_ani_OKI.php
# AUTHOR(S): Thitiporn Meeprasert
# PURPOSE: generate animater radar image radar Omkoi
#
# CMD LINE ARG: none
# INPUT:
# OUTPUT:
# DATE CREATED:
# HISTORY:
#
#####
# ***** Main Script *****
#####
#
# GLOBAL VARS:
# MODIFIED:
#
#####
include("../date.class");

$cd = date("j");
$cm = date("n");
$cy = date("Y");
//$time = (int)date("H") - 7 ; //GMT
$time = date("H") ;
//$time = Date("H",mktime($time,0,0,$cm,$cd,$cy));
$idir = "../TIWRM/TyphoonTracking/radarImages";
for($i=0;$i < 6;$i++) {
    $t = $time - $i ; // use time back in 24 hour
    $dauer = Date("Ymd",mktime($t,0,0,$cm,$cd,$cy));
    $tt = ($t < 0) ? 24+$t: $t;

```

```

        $x = (strlen($tt) ==1) ? "0". $tt : $tt ;
        $e[$i] = "$idir/OKI_$dauer". $x . "*.gif ";
    }
    for ($c=24;$c >= 0;$c--) { $entry .= $e[$c]; }
    $command = "/usr/bin/X11/convert -delay 60 -geometry 320x240 $entry $idir/A24_OKI_lastest.gif";
//    echo "$command<br>";
    exec($command);
?>
*****

```

```

ชื่อโปรแกรม : gen_ani_PMI.php
คำอธิบาย : โปรแกรมทำภาพเรดาร์พินาย ให้เป็นภาพเคลื่อนไหว
*****
<?
#####
# NECTEC -- High Performance Computing Research and Development Division --
#
# VERSION: 1
# PROJECT:
# FILENAME: gen_ani_PMI.php
# AUTHOR(S): Thitiporn Meeprasert
# PURPOSE: generate animater radar image radar Pimai
#
# CMD LINE ARG: none
# INPUT:
# OUTPUT:
# DATE CREATED:
# HISTORY:
#
#####
# ***** Main Script *****
#####
#
# GLOBAL VARS:
# MODIFIED:
#
#####
include("../date.class");

$cd = date("j");
$cm = date("n");
$cy = date("Y");
//$time = (int)date("H") - 7 ; //GMT
$time = (int)date("H");
//$time = Date("H",mktime($time,0,0,$cm,$cd,$cy));
$idir = "../TIWRM/TyphoonTracking/radarImages";
for($i=0;$i < 6;$i++) {
    $t = $time - $i ; // use time back in 24 hour
    $dauer = Date("Ymd",mktime($t,0,0,$cm,$cd,$cy));
    $tt = ($t < 0) ? 24+$t: $t;

```

```

        $x = (strlen($tt) ==1) ? "0". $tt : $tt ;
        $e[$i] = "$idir/PMI_$dauer". $x . "*.gif ";
    }
    for ($c=24;$c >= 0;$c--) { $entry .= $e[$c]; }
    $command = "/usr/bin/X11/convert -delay 60 -geometry 320x240 $entry $idir/A24_PMI_lastest.gif";
//    echo "$command<br>";
    exec($command);
?>
*****

```

```

ชื่อโปรแกรม : gen_ani_SKA.php
คำอธิบาย : โปรแกรมทำภาพเรดาร์สงขลา ให้เป็นภาพเคลื่อนไหว
*****
<?
#####
# NECTEC -- High Performance Computing Research and Development Division --
#
# VERSION: 1
# PROJECT:
# FILENAME: gen_ani_SKA.php
# AUTHOR(S): Thitiporn Meeprasert
# PURPOSE: generate animator radar image radar SKA
#
# CMD LINE ARG: none
# INPUT:
# OUTPUT:
# DATE CREATED:
# HISTORY:
#
#####
# ***** Main Script *****
#####
#
# GLOBAL VARS:
# MODIFIED:
#
#####
include("../date.class");

$cd = date("j");
$cm = date("n");
$cy = date("Y");
$time = (int)date("H") - 7 ; //GMT
$time = Date("H",mktime($time,0,0,$cm,$cd,$cy));
$idir = "../TIWRM/TyphoonTracking/radarImages";
for($i=0;$i < 24;$i++) {
    $t = $time - $i ; // use time back in 24 hour
    $dauer = Date("Ymd",mktime($t,0,0,$cm,$cd,$cy));
    $tt = ($t < 0) ? 24+$t: $t;
    $x = (strlen($tt) ==1) ? "0". $tt : $tt ;
}

```

```
        $e[$i] = "$idir/SKA_$dauer". $x . "*.gif ";
    }
    for ($c=24;$c >= 0;$c--) { $entry .= $e[$c]; }
    $command = "/usr/bin/X11/convert -delay 60 -geometry 320x240 $entry $idir/A24_SKA_lastest.gif";
//    echo "$command<br>";
    exec($command);

?>
*****
```

```

ชื่อโปรแกรม : gen6_ani_KRT.php
คำอธิบาย : โปรแกรมทำภาพเรดาร์โคราช ให้เป็นภาพเคลื่อนไหว ย้อนหลังไป 6 ชั่วโมง
*****
<?
#####
# NECTEC -- High Performance Computing Research and Development Division --
#
# VERSION: 1
# PROJECT:
# FILENAME: gen6_ani_KRT.php
# AUTHOR(S): Thitiporn Meeprasert
# PURPOSE: generate animator radar image radar KRT
#
# CMD LINE ARG: none
# INPUT:
# OUTPUT:
# DATE CREATED:
# HISTORY:
#
#####
# ***** Main Script *****
#####
#
# GLOBAL VARS:
# MODIFIED:
#
#####
include("../date.class");

$cd = date("j");
$cm = date("n");
$cy = date("Y");
$time = (int)date("H") -7 ; //filename use GMT
$time = Date("H",mktime($time,0,0,$cm,$cd,$cy));
$idir = "../TIWRM/TyphoonTracking/radarImages";
for($i=0;$i < 6;$i++) {
    $t = $time - $i ; // use time back in 6 hour
    $dauer = Date("Ymd",mktime($t,0,0,$cm,$cd,$cy));
    $tt = ($t <0) ? 24+$t: $t;
    $x = (strlen($tt) ==1) ? "0". $tt : $tt ;
}

```

```
        $e[$i] = "$idir/KRT_$dauer". $x . "*.gif ";
    }
    for ($c=6;$c >= 0;$c--) { $entry .= $e[$c]; }
    $command = "/usr/bin/X11/convert -delay 60 -geometry 320x240 $entry $idir/A06_KRT_lastest.gif";
    exec($command);
?>
*****
```

```

ชื่อโปรแกรม : show_CMPradar.php
คำอธิบาย : โปรแกรมแสดงภาพเรดาร์ชุมพรในแต่ละวัน
*****
<?
#####
# NECTEC -- High Performance Computing Research and Development Division --
#
# VERSION: 1
# PROJECT:
# FILENAME: show_CMPradar.php
# AUTHOR(S): Thitiporn Meeprasert
# PURPOSE: show radar image radar Chumphon range 240 km
#
# CMD LINE ARG: none
# INPUT:
# OUTPUT:
# DATE CREATED:
# HISTORY:
#
#####
# ***** Main Script *****
#####
#
# GLOBAL VARS:
# MODIFIED:
#
#####
include("../config.php"); include("../date.class");
?>
<html>
<head>
<title>Chumphon Radar Images on GMT</title>
<style type="text/css">
<!--
    body { font-family: Ms Sans Serif, CordiaUPC;font-size: 10pt;}
    td { font-family: Ms Sans Serif, CordiaUPC; font-size: 8pt;}
-->
</style>
<META http-equiv='Content-Type' content='text/html;charset=TIS-620'>
<meta http-equiv="Pragma" content="no-cache">

```

[illegible]


```

        if (substr($entry,0,3) == "SKA" && substr($entry,strlen($entry)-3,3) == "gif" && substr($entry,4,8) ==
$xsdate && substr($entry,14,2) == "03") {
            if ($i == 0) echo "<tr>";
            echo "<td align=center>";
            <a href='#'
onclick=\"window.open('show_lradar.php?pic=$entry&pdir=$pdir&rtitle=$rtitle','_blank','width=700,height=600,status=yes,toolbar=no
,menubar=yes,resizable=yes,scrollbars=yes,top=20,left=100')\">
                <img src='$pdir$entry' border=0 width=100 height=100><br>$entry</a>";
                $i++;
                if ($i == 6) $i = 0;
            }
        }
        $d->close();
    */
?>
<input type=hidden name=subm value=1>
</form>
</body>
</html>
*****

```

```

ชื่อโปรแกรม : show_dmgl20radar.php
คำอธิบาย : โปรแกรมแสดงภาพเรดาร์คอนเมืองรัศมี 120 กม. ในแต่ละวัน
*****
<?
#####
# NECTEC -- High Performance Computing Research and Development Division --
#
# VERSION: 1
# PROJECT:
# FILENAME: show_dmgl20radar.php
# AUTHOR(S): Thitiporn Meeprasert
# PURPOSE: show radar image radar DonMuang range 120 km from TMD
#
# CMD LINE ARG: none
# INPUT:
# OUTPUT:
# DATE CREATED:
# HISTORY:
#
#####
# ***** Main Script *****
#####
#
# GLOBAL VARS:
# MODIFIED:
#
#####
include("../config.php"); include("../date.class");
?>
<html>
<head>
<title>DonMuang 120km Radar Images on GMT</title>
<style type="text/css">
<!--
    body { font-family: Ms Sans Serif, CordiaUPC;font-size: 10pt;}
    td { font-family: Ms Sans Serif, CordiaUPC; font-size: 8pt;}
-->
</style>
<META http-equiv='Content-Type' content='text/html;charset=TIS-620'>
<meta http-equiv="Pragma" content="no-cache">

```



```

*/
    }
    echo "</table>";

/*

$a=0;$b=0;
for($i=0;$i<5;$i++) { echo "<tr>";
    for($c=0;$c<5;$c++) {
        $x = (strlen($a) == 1) ? "0". ($a) : ($a); $entry = "DMG120_{$xsdate} . $x . "03.gif";
        if (filesize("$dname$entry") != 0) {
            echo "<td align=center width=110>
                <a href='#'
onclick=\"window.open('show_lradar.php?pic=$entry&pdire=$pdire&rtitle=$rtitle','_blank','width=700,height=600,status=yes,toolbar=no
,menubar=yes,resizable=yes,scrollbars=yes,top=20,left=100')\">
                    <img src='$pdire$entry' border=0 width=100 height=100><br>{$xsdate}$x" . "03</a>";
                } else { echo "<td align=center width=110><br><br><br>No Data<br><br><br><br><br>{$xsdate}$x" . "03"; }
                $a++;
            }echo "<tr>";
        for($c=0;$c<5;$c++) {
            $x = (strlen($b) == 1) ? "0". ($b) : ($b); $entry = "DMG120_{$xsdate} . $x . "33.gif";
            if (filesize("$dname$entry") != 0) {
                echo "<td align=center width=110>
                    <a href='#'
onclick=\"window.open('show_lradar.php?pic=$entry&pdire=$pdire&rtitle=$rtitle','_blank','width=700,height=600,status=yes,toolbar=no
,menubar=yes,resizable=yes,scrollbars=yes,top=20,left=100')\">
                        <img src='$pdire$entry' border=0 width=100 height=100><br>{$xsdate}$x" . "33</a>";
                    } else { echo "<td align=center width=110><br><br><br>No Data<br><br><br><br><br>{$xsdate}$x" . "33"; }
                    $b++;
                }
            }
        }
    }
    echo "</table>";

/*
    $d = dir($dname);
    while($entry = $d->read()) {
        if (substr($entry,0,6) == "DMG120" && substr($entry,strlen($entry)-3,3) == "gif" && substr($entry,7,8) ==
$xsdate && substr($entry,17,2) == "33") {
            if ($i == 0) echo "<tr>";

```

```

                echo "<td align=center>
                <a href='#'
onclick=\"window.open('show_lradar.php?pic=$entry&pdir=$pdir&rtitle=$rtitle','_blank','width=700,height=600,status=yes,toolbar=no
,menubar=yes,resizable=yes,scrollbars=yes,top=20,left=100')\">
                <img src='$pdir$entry' border=0 width=100 height=100><br>$entry</a>";
                $i++;
                if ($i == 6) $i = 0;
            }
        }
        $d->close();
    */
    ?>
    <input type=hidden name=subm value=1>
</form>
</body>
</html>
*****

```

```

ชื่อโปรแกรม : show_dmg300radar.php
คำอธิบาย : โปรแกรมแสดงภาพเรดาร์คอนเมืองรัศมี 300 กม. ในแต่ละวัน
*****
<?
#####
# NECTEC -- High Performance Computing Research and Development Division --
#
# VERSION: 1
# PROJECT:
# FILENAME: show_dmg300radar.php
# AUTHOR(S): Thitiporn Meeprasert
# PURPOSE: show radar image radar DonMuang range 300 km from TMD
#
# CMD LINE ARG: none
# INPUT:
# OUTPUT:
# DATE CREATED:
# HISTORY:
#
#####
# ***** Main Script *****
#####
#
# GLOBAL VARS:
# MODIFIED:
#
#####
include("../config.php"); include("../date.class");
?>
<html>
<head>
<title>DonMuang 300km Radar Images on GMT</title>
<style type="text/css">
<!--
    body { font-family: Ms Sans Serif, CordiaUPC;font-size: 10pt;}
    td { font-family: Ms Sans Serif, CordiaUPC; font-size: 8pt;}
-->
</style>
<META http-equiv='Content-Type' content='text/html; charset=TIS-620'>
<meta http-equiv="Pragma" content="no-cache">

```

```
</head>
<Div id='popCal' style='POSITION:absolute;visibility:hidden;border:2px ridge;width:10%; z-index:20'>
<iframe name="popFrame" src="popcjs_en.html" frameborder="0" scrolling="no" width=183 height=188></iframe></DIV>
<SCRIPT event=onclick() for=document>popCal.style.visibility = "hidden";</SCRIPT>
<body><form name=form1 method=post action=? $PHP_SELF ?><center>
<!-- RADAR IMAGES -->
<p><font face="Helvetica,Arial" size="2" color="#800000"><b>DonMuang 300km Radar Images on GMT<br></font>
<? if (!$ssdate) $ldate = date("j") . " " . $month[date("n")-1] . " " . date("Y") ;
      else $ldate = $ssdate;
?>
<b>Date : </b><INPUT name=sdate style="TEXT-ALIGN: center" value='<? echo $ldate          ?>'>
<INPUT onclick="popFrame.fPopCalendar(sdate,sdate,popCal);return false" type=button value=V>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&~
<input type=submit name=submit value='Show Radar Images'><br><br>
<?
        if ($sdate) {   $arr = explode(" ",$sdate);
            for($i=0;$i<count($month);$i++) { if ($month[$i] == trim($arr[1])) $x = $i +1 ; } $arr[0] = (strlen($arr[0])
== 1) ? "0". $arr[0] : $arr[0];
            $x = (strlen($x) == 1) ? "0" . $x : $x ; $xsdate = $arr[2].$.x. $arr[0];
            $date[0] =$arr[0]; $date[1] =$x; $year = $arr[2];

//              if ($date[0] == 1) {$prmonth=$month[$date[1]-1-1]; $prdate=31;} else {$prmonth=$month[$date[1]-1];
$prdate=$date[0]-1;}
//              if ($date[0] == 31) {$fwmonth=$month[$date[1]+1-1]; $fwdate=1;} else {$fwmonth=$month[$date[1]-1];
$fwdate=$date[0]+1;}

$pd = Date_Calc::prevDay($arr[0],$x,$arr[2]); //date,month,year
$fw = Date_Calc::nextDay($arr[0],$x,$arr[2]);
$prdate =substr($pd,6,2); (int) $prdate;
$prmonth = substr($pd,4,2);settype($prmonth,"integer");$prmonth = $month[$prmonth-1];
$pyear = substr($pd,0,4);

    $fwdate =substr($fw,6,2);
    $fwmonth =substr($fw,4,2);settype($fwmonth,"integer");$fwmonth = $month[$fwmonth-1];
    $fweyear =substr($fw,0,4);   $ssdate = floor($arr[0]) . " " . $month[$x-1] . " " . $arr[2];

} else { $xsdate = date("Ymd");
//           $date[2] = substr($xsdate,0,4); $date[1] =substr($xsdate,4,2); $date[0] =substr($xsdate,6,2);
settype($date[1],"integer");
//           if ($date[0] == 1) {$prmonth=$month[$date[1]-1-1]; $prdate=31;} else {$prmonth=$month[$date[1]-1];
$prdate=$date[0]-1;}

```



```

        } else { echo "<td align=center width=110><br><br><br>No Data<br><br><br><br><br>$xsdate$x" . "03"; }
        $a++; if ($a == 6) $a = 0;
    }
    echo "</table>";
/*
    $d = dir($dname);
    while($entry = $d->read()) {
        if (substr($entry,0,6) == "DMG300" && substr($entry,strlen($entry)-3,3) == "gif" && substr($entry,7,8) ==
$xsdate && substr($entry,17,2) == "03") {
            if ($i == 0) echo "<tr>";
            echo "<td align=center>
            <a href='#'
onclick=\"window.open('show_lradar.php?pic=$entry&pdir=$pdir&rtitle=$rtitle','_blank','width=700,height=600,status=yes,toolbar=no
,menubar=yes,resizable=yes,scrollbars=yes,top=20,left=100')\">
            <img src='$pdir$entry' border=0 width=100 height=100><br>$entry</a>";
            $i++;
            if ($i == 6) $i = 0;
        }
    }
    $d->close();
*/
?>
<input type=hidden name=subm value=1>
</form>
</body>
</html>
*****

```

```

ชื่อโปรแกรม : show_hhnlradar.php
คำอธิบาย : โปรแกรมแสดงภาพเรดาร์หัวหิน จากสำนักฝนหลวง ในแต่ละวัน
*****
<?
#####
# NECTEC -- High Performance Computing Research and Development Division --
#
# VERSION: 1
# PROJECT:
# FILENAME: show_hhnlradar.php
# AUTHOR(S): Thitiporn Meeprasert
# PURPOSE: show radar image radar Huahin range 240 km from TMD
#
# CMD LINE ARG: none
# INPUT:
# OUTPUT:
# DATE CREATED:
# HISTORY:
#
#####
# ***** Main Script *****
#####
#
# GLOBAL VARS:
# MODIFIED:
#
#####
include("../config.php"); include("../date.class");
?>
<html>
<head>
<title>HuaHin Radar Images on Local Time</title>
<style type="text/css">
<!--
    body { font-family: Ms Sans Serif, CordiaUPC;font-size: 10pt;}
    td { font-family: Ms Sans Serif, CordiaUPC; font-size: 8pt;}
-->
</style>
<META http-equiv='Content-Type' content='text/html; charset=TIS-620'>
<meta http-equiv="Pragma" content="no-cache">

```



```

                                <a href='#'
onclick=\"window.open('show_lradar.php?pic=$entry&pdir=$pdir&rtitle=$rtitle','_blank','width=700,height=600,status=yes,toolbar=no
,menubar=yes,resizable=yes,scrollbars=yes,top=20,left=100')\">
                                <img src='$pdir$entry' border=0 width=100 height=100><br>$xsdate\". $x . \"00</a>\";
                                } else { echo "<td align=center width=110><br><br><br>No Data<br><br><br><br><br>$xsdate\" . $x . \"00\"; }
                                $a++; if ($a == 6) $a =0;
                                }
                                echo "</table>\";
?>
<input type=hidden name=subm value=1>
</form>
</body>
</html>
*****

```

```

ชื่อโปรแกรม : show_hhnradar.php
คำอธิบาย : โปรแกรมแสดงภาพเรดาร์หัวหิน ในแต่ละวัน
*****
<?
#####
# NECTEC -- High Performance Computing Research and Development Division --
#
# VERSION: 1
# PROJECT:
# FILENAME: show_hhnradar.php
# AUTHOR(S): Thitiporn Meeprasert
# PURPOSE: show radar image radar Huahin range 240 km from TMD
#
# CMD LINE ARG: none
# INPUT:
# OUTPUT:
# DATE CREATED:
# HISTORY:
#
#####
# ***** Main Script *****
#####
#
# GLOBAL VARS:
# MODIFIED:
#
#####
include("../config.php"); include("../date.class");
?>
<html>
<head>
<title>HuaHin Radar Images on GMT</title>
<style type="text/css">
<!--
    body { font-family: Ms Sans Serif, CordiaUPC;font-size: 10pt;}
    td { font-family: Ms Sans Serif, CordiaUPC; font-size: 8pt;}
-->
</style>
<META http-equiv='Content-Type' content='text/html; charset=TIS-620'>
<meta http-equiv="Pragma" content="no-cache">

```

```
</head>
<Div id='popCal' style='POSITION:absolute;visibility:hidden;border:2px ridge;width:10%; z-index:20'>
<iframe name="popFrame" src="popcjs_en.html" frameborder="0" scrolling="no" width=183 height=188></iframe></DIV>
<SCRIPT event=onclick() for=document>popCal.style.visibility = "hidden";</SCRIPT>
<body><form name=form1 method=post action=? $PHP_SELF ?><center>
<!-- RADAR IMAGES -->
<p><font face="Helvetica,Arial" size="2" color="#800000"><b> HuaHin Radar Images on GMT<br></font>
<? if (!$sdate) $ldate = date("j") . " " . $month[date("n")-1] . " " . date("Y") ;
      else $ldate = $sdate;
?>
<b>Date : </b><INPUT name=sdate style="TEXT-ALIGN: center" value='<? echo $ldate           ?>'>
<INPUT onclick="popFrame.fPopCalendar(sdate,sdate,popCal);return false" type=button value=V>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&~
<input type=submit name=submit value='Show Radar Images'><br><br>
<?
    if ($sdate) {   $arr = explode(" ",$sdate);
        for($i=0;$i<count($month);$i++) { if ($month[$i] == trim($arr[1])) $x = $i +1 ; } $arr[0] = (strlen($arr[0])
== 1) ? "0". $arr[0] : $arr[0];
        $x = (strlen($x) == 1) ? "0" . $x : $x ; $xsdate = $arr[2].$. $arr[0];

        $pd = Date_Calc::prevDay($arr[0],$x,$arr[2]); //date,month,year
        $fw = Date_Calc::nextDay($arr[0],$x,$arr[2]);
        $prdate =substr($pd,6,2); (int) $prdate;
        $prmonth = substr($pd,4,2);settype($prmonth,"integer");$prmonth = $month[$prmonth-1];
        $pryear = substr($pd,0,4);

        $fwdate =substr($fw,6,2);
        $fwmonth =substr($fw,4,2);settype($fwmonth,"integer");$fwmonth = $month[$fwmonth-1];
        $fwyear =substr($fw,0,4);  $sdate = floor($arr[0]) . " " . $month[$x-1] . " " . $arr[2];

    } else { $xsdate = date("Ymd");
        $date[0] =substr($xsdate,6,2); //day
        $date[1] =substr($xsdate,4,2); settype($date[1],"integer");// month
        $date[2] = substr($xsdate,0,4); // year


        $pd = Date_Calc::prevDay($date[0],$date[1],$date[2]);
        $fw = Date_Calc::nextDay($date[0],$date[1],$date[2]);

        $prdate =substr($pd,6,2);
        $prmonth = substr($pd,4,2);settype($prmonth,"integer");$prmonth = $month[$prmonth-1];
        $pryear = substr($pd,0,4);
```



```

                <img src='$pdir$entry' border=0 width=100 height=100><br>$entry</a>";
                $i++;
                if ($i == 6) $i = 0;
            }
        }
        $d->close();
    */
    ?>
    <input type=hidden name=subm value=1>
</form>
</body>
</html>
*****

```

```

ชื่อโปรแกรม : show_krtradar.php
คำอธิบาย : โปรแกรมแสดงภาพเรดาร์โคราท ในแต่ละวัน
*****
<?
#####
# NECTEC -- High Performance Computing Research and Development Division --
#
# VERSION: 1
# PROJECT:
# FILENAME: show_krtradar.php
# AUTHOR(S): Thitiporn Meeprasert
# PURPOSE: show radar image radar KoRat range 160 km from TMD
#
# CMD LINE ARG: none
# INPUT:
# OUTPUT:
# DATE CREATED:
# HISTORY:
#
#####
# ***** Main Script *****
#####
#
# GLOBAL VARS:
# MODIFIED:
#
#####
include("../config.php"); include("../date.class");
?>
<html>
<head>
<title> KoRat Radar Images on Local Time</title>
<style type="text/css">
<!--
    body { font-family: Ms Sans Serif, CordiaUPC;font-size: 10pt;}
    td { font-family: Ms Sans Serif, CordiaUPC; font-size: 8pt;}
-->
</style>
<META http-equiv='Content-Type' content='text/html;charset=TIS-620'>
<meta http-equiv="Pragma" content="no-cache">

```



```

        $d = dir($dname);
        while($entry = $d->read()) {
            if (substr($entry,0,3) == "KRT" && substr($entry,strlen($entry)-3,3) == "gif" && substr($entry,4,8) ==
$xsdate && substr($entry,14,2) == "00") {
                if ($i == 0) echo "<tr>";
                if (filesize("$dname$entry") != 0) {
                    echo "<td align=center>
                        <a href='#'
onclick=\"window.open('show_lradar.php?pic=$entry&pdir=$pdir&rttitle=$rttitle','_blank','width=700,height=600,status=yes,toolbar=no
,menubar=yes,resizable=yes,scrollbars=yes,top=20,left=100')\">
                            <img src='$pdir$entry' border=0 width=100 height=100><br>$entry</a>";
                }
                else echo "<td align=center>No Data";
                $i++;
                if ($i == 6) $i = 0;
            }
        }
        $d->close(); echo "</table>";
    */

?>
<input type=hidden name=subm value=1>
</form>
</body>
</html>
*****

```

```
ชื่อโปรแกรม : show_lradar.php
คำอธิบาย : โปรแกรมแสดงภาพเรดาร์ ทำขนาดจริง
*****
<HTML>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=TIS-620">
<meta http-equiv="Pragma" content="no-cache">
<!--<meta http-equiv="Refresh" content="5; url=<?= $PHP_SELF ?>"> -->
<title><?= $rttitle ?></title></head>
<? $p = "$pdir$pic" ; ?>
<IMG SRC="<?= $p ?>">
</HTML>
*****
```

```

ชื่อโปรแกรม : show_okiradar.php
คำอธิบาย : โปรแกรมแสดงภาพเรดาร์อมกอย ในแต่ละวัน
*****
<?
#####
# NECTEC -- High Performance Computing Research and Development Division --
#
# VERSION: 1
# PROJECT:
# FILENAME: show_okiradar.php
# AUTHOR(S): Thitiporn Meeprasert
# PURPOSE: show radar image radar omkoi range 240 km from TMD
#
# CMD LINE ARG: none
# INPUT:
# OUTPUT:
# DATE CREATED:
# HISTORY:
#
#####
# ***** Main Script *****
#####
#
# GLOBAL VARS:
# MODIFIED:
#
#####
include("../config.php"); include("../date.class");
?>
<html>
<head>
<title>Omkoi Radar Images on Local Time</title>
<style type="text/css">
<!--
    body { font-family: Ms Sans Serif, CordiaUPC;font-size: 10pt;}
    td { font-family: Ms Sans Serif, CordiaUPC; font-size: 8pt;}
-->
</style>
<META http-equiv='Content-Type' content='text/html;charset=TIS-620'>
<meta http-equiv="Pragma" content="no-cache">

```



```
</form>
</body>
</html>
*****
```

```

ชื่อโปรแกรม : show_pmiradar.php
คำอธิบาย : โปรแกรมแสดงภาพเรดาร์พินาย ในแต่ละวัน
*****
<?
#####
# NECTEC -- High Performance Computing Research and Development Division --
#
# VERSION: 1
# PROJECT:
# FILENAME: show_pmiradar.php
# AUTHOR(S): Thitiporn Meeprasert
# PURPOSE: show radar image radar pimai range 240 km from TMD
#
# CMD LINE ARG: none
# INPUT:
# OUTPUT:
# DATE CREATED:
# HISTORY:
#
#####
# ***** Main Script *****
#####
#
# GLOBAL VARS:
# MODIFIED:
#
#####
include("../config.php"); include("../date.class");
?>
<html>
<head>
<title>Pimai Radar Images on Local Time</title>
<style type="text/css">
<!--
    body { font-family: Ms Sans Serif, CordiaUPC;font-size: 10pt;}
    td { font-family: Ms Sans Serif, CordiaUPC; font-size: 8pt;}
-->
</style>
<META http-equiv='Content-Type' content='text/html;charset=TIS-620'>
<meta http-equiv="Pragma" content="no-cache">

```



```

                                <a href='#'
onclick=\"window.open('show_lradar.php?pic=$entry&pdir=$pdir&rtitle=$rtitle','_blank','width=700,height=600,status=yes,toolbar=no
,menubar=yes,resizable=yes,scrollbars=yes,top=20,left=100')\">
                                <img src='$pdir$entry' border=0 width=100 height=100><br>$xsdate\". $x .\"00</a>\";
                                } else { echo \"<td align=center width=110><br><br><br>No Data<br><br><br><br><br>$xsdate$x\" . \"00\"; }
                                $a++; if ($a == 6) $a =0;
                                }
                                echo "</table>\";
?>
<input type=hidden name=subm value=1>
</form>
</body>
</html>
*****

```

```

ชื่อโปรแกรม : show_skaradar.php
คำอธิบาย : โปรแกรมแสดงภาพเรดาร์สงขลาในแต่ละวัน
*****
<?
#####
# NECTEC -- High Performance Computing Research and Development Division --
#
# VERSION: 1
# PROJECT:
# FILENAME: show_skaradar.php
# AUTHOR(S): Thitiporn Meeprasert
# PURPOSE: show radar image radar SongKhla range 240 km from TMD
#
# CMD LINE ARG: none
# INPUT:
# OUTPUT:
# DATE CREATED:
# HISTORY:
#
#####
# ***** Main Script *****
#####
#
# GLOBAL VARS:
# MODIFIED:
#
#####
include("../config.php"); include("../date.class");
?>
<html>
<head>
<title>SongKhla Radar Images on GMT</title>
<style type="text/css">
<!--
    body { font-family: Ms Sans Serif, CordiaUPC;font-size: 10pt;}
    td { font-family: Ms Sans Serif, CordiaUPC; font-size: 8pt;}
-->
</style>
<META http-equiv='Content-Type' content='text/html;charset=TIS-620'>
<meta http-equiv="Pragma" content="no-cache">

```



```

                <img src='$pdir$entry' border=0 width=100 height=100><br>$entry</a>";
                $i++;
                if ($i == 6) $i = 0;
            }
        }
        $d->close();
    */
    ?>
    <input type=hidden name=subm value=1>
</form>
</body>
</html>
*****

```

```

ชื่อโปรแกรม : rid_bigcm.php
คำอธิบาย : รายงานสภาพน้ำในอ่างเก็บน้ำขนาดใหญ่ของกรมชลประทาน โดยเลือกวันที่ที่ต้องการดูข้อมูล โปรแกรมจะค้นหาข้อมูลอ่างเก็บน้ำขนาดใหญ่ของกรมชลประทานตามวันที่และแสดงรายงาน
*****
<?
#####
# nectec -- high performance computing research and development division --
#
# version:
# project: tiwrm
# filename: rid_bigcm.php
# author(s): thitiporn meeprasert
# purpose: big catchment report
#
# cmd line arg: none
# input:
# output:
# date created:
# history:
#
#####
# ***** main script *****
#####
#
# global vars:
# modified:
#
#####
include "config.php"; $conn = pg_open();
if ($sdate == "") { //$sdate = $date = date("Y/m/d"); ถ้าไม่ใส่วันที่ไปหาวันที่ล่าสุดที่มีข้อมูลมาแสดง
    $xsql = "select max(to_char(d_dam_date,'yyyy/mm/dd')) from d_dam";
    $xrs = pg_Exec($conn, $xsql) or die("couldn't execute query"); $xnum = pg_NumRows($xrs);
    $xrow = pg_fetch_row($xrs, 0); $sdate = $xrow[0]; $tdate = "ข้อมูลล่าสุดวันที่";
} else { $tdate = "วันที่"; }
// remote_addr("use_log.txt", $REMOTE_ADDR, $REQUEST_URI);
?>
<html>
<head>
<title>รายงานสภาพน้ำในอ่างเก็บน้ำขนาดใหญ่ของกรมชลประทาน</title>
<META name='Author' content='<?= $author ?>'><META name='Author' content='<?= $author1 ?>'>

```

```

<META NAME='description' CONTENT=''>
<META NAME='keywords' CONTENT=''>
<META http-equiv='Content-Type' content='text/html; charset=TIS-620'>
<style type="text/css">
<!--
body { font-family: Arial, Helvetica, sans-serif; font-size: 8pt}
td { font-family: Arial, Helvetica, sans-serif; font-size: 8pt;}
-->
</style>
</head>
<body bgcolor='#FFFFFF'>
<center><h4>รายงานสภาพน้ำในอ่างเก็บน้ำขนาดใหญ่ของกรมชลประทาน</h4>
<?
    include("date.class");
    $date = split("/", $sdate); //Ymd

    $pd = Date_Calc::prevDay($date[2], $date[1], $date[0]); //date, month, year
    $fw = Date_Calc::nextDay($date[2], $date[1], $date[0]);
    $prdate = substr($pd, 6, 2); $prmonth = substr($pd, 4, 2); $pryear = substr($pd, 0, 4);
    $fwdate = substr($fw, 6, 2); $fwmonth = substr($fw, 4, 2); $fwyear = substr($fw, 0, 4);

    $sarr = split("/", $sdate);
    $ddate = (substr($sarr[2], 0, 1) == 0 ? substr($sarr[2], 1, 1) : substr($sarr[2], 0, 2)) . " " . $tmonth[$sarr[1]-1] . " " .
($sarr[0] + 543) ;
?>
<table border=0 width=100%><tr><td align=right>
<a href="rid_bigcm.php?sdate=?= $pryear . "/" . $prmonth . "/" . $prdate ?>"><<วันที่ก่อนหน้า</a>
<td align=center><h4><?= $tdate ?>&nbsp;&nbsp;&nbsp;<?= $ddate ?><br></h4>
<td><a href="rid_bigcm.php?sdate=?= $fwyear . "/" . $fwmonth . "/" . $fwdate ?>">วันที่ถัดไป</a></td></tr></table>
<?
    $sql = "select count(*) from d_dam where d_dam_date = '$sdate' "; //หาข้อมูลจากวันที่ที่ใส่ว่ามีข้อมูลหรือไม่ ถ้าไม่มีก็ไปหารวันที่ที่มีข้อมูลมา query ต่อไป
    $rs = pg_exec($conn, $sql);
    if ($rs){ $numr = @pg_result($rs, 0, 0);
        if ($numr <= 0){
            echo "<br><br><br><font color=red><h3>ไม่มีข้อมูล</h3>"; exit;
            //$xsql = "select max(to_char(d_dam_date, 'yyyy/mm/dd')) from d_dam";
            //$xrs = pg_Exec($conn, $xsql) or die("couldn't execute query"); $xnum = pg_NumRows($xrs);
            //$xrow = pg_fetch_row($xrs, 0); $sdate = $xrow[0]; $tdate = "ข้อมูลล่าสุดวันที่";
        }
    }

```

```

    }
?>
<table width='100%' border='1' cellspacing=0>
  <tr bgcolor=lightblue> <td rowspan='3' width='20%' align=center><b>ภาค<br>อ่างเก็บน้ำเขื่อน</b></td>
    <td rowspan='3' align=center><b>ความจุที่<br>ระดับ<br>เก็บกัก<br>(ล้าน ม.3) </b></td>
    <td colspan='3' align=center><b>ปริมาณน้ำทั้งหมด</b></td>
    <td rowspan='3' align=center><b>เพิ่ม(+)/ลด(-)<br>เทียบกับ<br>วันก่อน<br>(ล้าน ม.3)</b></td>
    <td rowspan='3' align=center><b>ปริมาตรอ่าง<br>คงเหลือ<br>ที่ระดับเก็บกัก<br>(ล้าน ม.3)</b></td>
    <td colspan='3' align=center><b>ปริมาณน้ำไหลลงอ่าง</b></td>
    <td colspan='2' align=center><b>ปริมาณน้ำระบาย</b></td></tr>
  <tr bgcolor=lightblue><td rowspan='2' align=center><b>ปี 2544<br>(ล้าน ม.3)</b></td>
    <td colspan='2' align=center><b>ปี 2545</b></td>
    <td rowspan='2' align=center><b>ค่าเฉลี่ย<br>รวมทั้งปี<br>(ล้าน ม.3) <br></b></td>
    <td rowspan='2' align=center><b>ปีนี้<br>(ล้าน ม.3) </b></td>
    <td rowspan='2' align=center><b>สะสมตั้งแต่<br>1 ม.ค. 45<br>(ล้าน ม.3) </b></td>
    <td rowspan='2' align=center><b>ปีนี้<br>(ล้าน ม.3) </b></td>
    <td rowspan='2' align=center><b>สะสมตั้งแต่<br>1 ม.ค. 45<br>(ล้าน ม.3) </b></td></tr>
  <tr bgcolor=lightblue><td align=center><b>(ล้าน ม.3)</b></td>
    <td align=center><b>% ความจุ</b></td></tr>
</tr>
<?
    $p_region = array("ภาคเหนือ", "ภาคตะวันออกเฉียงเหนือ", "ภาคกลาง", "ภาคตะวันตก", "ภาคตะวันออก", "ภาคใต้");
    for ($x=0; $x<count($p_region); $x++) {
        $sql = "select
dam_name,dam_q,dam_q_last,dam_q_now,dam_pq_now,dam_q_change,dam_q_total,dam_f_avg,dam_f_now,dam_f_snow,dam_o_now, dam_o_snow
        from dam left join d_dam on (d_dam.dam_id = dam.dam_id) where region='$p_region[$x]' and d_dam_date =
'$sdate' order by dam.dam_id";
        //
        echo "$sql<br>";
        $rs = pg_exec($conn, $sql) ;
        if ($rs) { $numr = pg_numrows($rs); $numf = pg_numfields($rs);
            if ($numr > 0) {
                echo "<tr><td><b><u>$p_region[$x]</u>"; for ($j=1;$j<$numf;$j++) { echo "<td>&nbsp;"; }
                for ($i=0;$i<$numr;$i++) { $row = pg_fetch_row($rs,$i); echo "<tr>";
                    for ($j=0;$j<$numf;$j++) {
                        if ($j > 0) { $sum = "s$j"; $$sum += $row[$j];
                            if ($j == 1 || $j <= 4) echo "<td align=right>&nbsp;";
number_format(round($row[$j]),0,".",",");
                        else echo "<td align=right>&nbsp; $row[$j]";

```

```

    } else echo "<td>&nbsp;$row[$j]";
}
}
}
} echo "<tr bgcolor=gray><td><b>รวม$sp_region[$x]";
for ($j=1;$j<$numf;$j++) { if ($j > 6) $p=2; else $p=0; $sum = "s$j"; $total = "t$j"; $$total += $$sum;
if ($j == 1 ) { $al = $$sum; }
elseif ($j == 3) { $a3 = $$sum ; if ($al != 0 ) $aa = ($a3/$al)*100; }
elseif($j ==4) $$sum = round($aa);
echo "<td align=right><b>&nbsp;$" . number_format($$sum,$p,".",",");
$$sum=0;
}
}
echo "<tr bgcolor=gray><td><b>รวมทั้งประเทศ";
for ($j=1;$j<$numf;$j++) { if ($j > 6) $p=2; else $p=0; $total = "t$j";
if ($j == 1 ) { $al = $$total; }
elseif ($j == 3) { $a3 = $$total ; if ($al != 0) $aa = ($a3/$al)*100; }
elseif($j ==4) $$total = round($aa);
echo "<td align=right><b>&nbsp;$" . number_format($$total,$p,".",",");
}
pgclose($conn);
?>
</table><br>
<table width=100% border=0>
<tr><td width=12%>หมายเหตุ : <td>1) อ่างเก็บน้ำขนาดใหญ่ หมายถึง อ่างเก็บน้ำที่มีความจุตั้งแต่ 100 ล้าน ลบ.ม. ขึ้นไป<br>
<tr><td><td> 2) เป็นอ่างเก็บน้ำอยู่ในความรับผิดชอบของการไฟฟ้าฝ่ายผลิตแห่งประเทศไทย นอกนั้นอยู่ในความรับผิดชอบของกรมชลประทาน<br>
<tr><td><td> 3) เป็นอ่างเก็บน้ำขนาดกลางที่มีความสำคัญต่อการอุตสาหกรรมและการประปา</td></td></tr></table><br></center>
ที่มา : ศูนย์ปฏิบัติการจัดสรรน้ำ สำนักอุทกวิทยาและบริหารน้ำ กรมชลประทาน
</body>
</html>
*****

```

```

ชื่อโปรแกรม : rid_ch.php
คำอธิบาย : รายงานแสดงแผนผังสภาพน้ำในลุ่มน้ำเจ้าพระยา โดยเลือกวันที่ที่ต้องการดูข้อมูล โปรแกรมจะค้นหาข้อมูลสภาพน้ำในลุ่มน้ำเจ้าพระยาจากฐานข้อมูลตามวันที่ และแสดงรายงาน
*****
<?
#####
# nectec -- high performance computing research and development division --
#
# version:
# project: tiwrm
# filename: rid_ch.php
# author(s): thitiporn meeprasert
# purpose: genarl water data of choapraya basin report
#
# cmd line arg: none
# input:
# output:
# date created:
# history:
#
#####
# ***** main script *****
#####
#
# global vars:
# modified:
#
#####
include "config.php"; $conn = pg_open();
if ($sdate == "") { //ถ้าไม่ใส่วันที่ไปหาวันที่ล่าสุดที่มีข้อมูลมาแสดง
    $xsql = "select max(to_char(cp_dry_d_date,'yyyy/mm/dd')) from cp_dry_d";
    $xrs = pg_Exec($conn, $xsql) or die("couldn't execute query"); $xnum = pg_NumRows($xrs);
    $xrow = pg_fetch_row($xrs, 0); $sdate = $xrow[0]; $tdate = "ข้อมูลล่าสุดวันที่";
} else { $tdate = "วันที่"; }
$arr = split("/", $sdate);
$ddate = (substr($arr[2], 0, 1) == 0 ? substr($arr[2], 1, 1) : substr($arr[2], 0, 2)) . " " . $tmonth[$arr[1]-1] . " " .
($arr[0] + 543) ;
// remote_addr("use_log.txt", $REMOTE_ADDR, $REQUEST_URI);
?>
<html>

```

```

<head>
<title>สภาพน้ำในลุ่มน้ำเจ้าพระยา</title>
<META name='Author' content='<?=$author ?>'><META name='Author' content='<?=$author1 ?>'>
<META NAME='description' CONTENT=''>
<META NAME='keywords' CONTENT=''>
<META http-equiv='Content-Type' content='text/html; charset=TIS-620'>
<style type="text/css">
<!--
body { font-family: Arial, Helvetica, sans-serif; font-size: 8pt}
.small { font-family: Arial, Helvetica, sans-serif; font-size: 8pt}
.big { font-family: Arial, Helvetica, sans-serif; font-size: 10pt}
.smaller { font-family: Arial, Helvetica, sans-serif; font-size: 7pt}
.td { font-family: Arial, Helvetica, sans-serif; font-size: 8pt}
div { font-family: Arial, Helvetica, sans-serif; font-size: 8pt; color: green}
-->
</style>
</head>
<body bgcolor='#FFFFFF' topmargin=0>
<? include("date.class"); // หาวันที่ก่อนหน้า วันที่ถัดไป จากวันที่มีข้อมูล
$date = split(" ", $sdate); //Ymd
$pd = Date_Calc::prevDay($date[2], $date[1], $date[0]); //date, month, year
$fw = Date_Calc::nextDay($date[2], $date[1], $date[0]);

$prdate = substr($pd, 6, 2); $prmonth = substr($pd, 4, 2); $pryear = substr($pd, 0, 4);
$fwdate = substr($fw, 6, 2); $fwmonth = substr($fw, 4, 2); $fwyear = substr($fw, 0, 4);
$pd_date = "๓". $prdate . "/" . $prmonth . "/" . substr($pryear, 2, 2); // yesterday for dam data
?>
<table border=0 width=70%><tr><td>
<input type=button name=b1 value=' พิมพ์ ' onclick="window.open('rid_pch.php?sdate=<?=$sdate
?>', '_blank', 'width=950,height=650,status=yes,toolbar=no,menubar=yes,resizable=yes,scrollbars=yes,top=0,left=0') " >
<td align=center>สภาพน้ำในลุ่มน้ำเจ้าพระยา
<tr><td align=right class=td><a href="rid_ch.php?sdate=<?=$pryear . "/" . $prmonth . "/" . $prdate ?>"><<วันที่ก่อนหน้า</a>
<td align=center>ประจำวันที่&nbsp;&nbsp;&nbsp;<?=$ddate ?></tr></td>
<td class=td><a href="rid_ch.php?sdate=<?=$fwyear . "/" . $fwmonth . "/" . $fwdate ?>">วันที่ถัดไป>></a></td>
</table>
<?
// ประมวลผล
$sql = "select * from cp_dry_d where cp_dry_d_date = '$sdate' ";

```

```

$rs = @pg_exec($conn, $sql) ;
if ($rs) { $numr = pg_numrows($rs);
    if ($numr <= 0) { echo "<center><br><br><br><font color=red><h5>ไม่มีข้อมูล</h5>";exit; }
    else {
        for ($i=0;$i<$numr;$i++) { $row = pg_fetch_array($rs, $i);
            if ($row[cp_dry_id] == 1) $q1 = ($row[cp_dry_d_q] == ""? "-" : $row[cp_dry_d_q]);
            if ($row[cp_dry_id] == 2) { $q2 = ($row[cp_dry_d_q] == ""? "-" : $row[cp_dry_d_q]);
                $l2 = ($row[cp_dry_d_l] == ""? "-" : $row[cp_dry_d_l]); }
            if ($row[cp_dry_id] == 3) $q3 = ($row[cp_dry_d_q] == ""? "-" : $row[cp_dry_d_q]);
            if ($row[cp_dry_id] == 5) $q5 = ($row[cp_dry_d_q] == ""? "-" : $row[cp_dry_d_q]);
            if ($row[cp_dry_id] == 8) $q8 = ($row[cp_dry_d_q] == ""? "-" : $row[cp_dry_d_q]);
            if ($row[cp_dry_id] == 9) { $q9 = ($row[cp_dry_d_q] == ""? "-" : $row[cp_dry_d_q]);
                $l9 = ($row[cp_dry_d_l] == ""? "-" : $row[cp_dry_d_l]); }
            if ($row[cp_dry_id] == 10) $q10 = ($row[cp_dry_d_q] == ""? "-" : $row[cp_dry_d_q]);
            if ($row[cp_dry_id] == 12) $q12 = ($row[cp_dry_d_q] == ""? "-" : $row[cp_dry_d_q]);
            if ($row[cp_dry_id] == 13) $q13 = ($row[cp_dry_d_q] == ""? "-" : $row[cp_dry_d_q]);
            if ($row[cp_dry_id] == 15) $q15 = ($row[cp_dry_d_q] == ""? "-" : $row[cp_dry_d_q]);
            if ($row[cp_dry_id] == 16) $q16 = ($row[cp_dry_d_q] == ""? "-" : $row[cp_dry_d_q]);
            if ($row[cp_dry_id] == 25) $q25 = ($row[cp_dry_d_q] == ""? "-" : $row[cp_dry_d_q]);
            if ($row[cp_dry_id] == 26) $q26 = ($row[cp_dry_d_q] == ""? "-" : $row[cp_dry_d_q]);
            if ($row[cp_dry_id] == 27) $q27 = ($row[cp_dry_d_q] == ""? "-" : $row[cp_dry_d_q]);
            if ($row[cp_dry_id] == 30) $q30 = ($row[cp_dry_d_q] == ""? "-" : $row[cp_dry_d_q]);
            if ($row[cp_dry_id] == 32) $q32 = ($row[cp_dry_d_q] == ""? "-" : $row[cp_dry_d_q]);
            if ($row[cp_dry_id] == 40) $q40 = ($row[cp_dry_d_q] == ""? "-" : $row[cp_dry_d_q]);
            if ($row[cp_dry_id] == 43) $q43 = ($row[cp_dry_d_q] == ""? "-" : $row[cp_dry_d_q]);
            if ($row[cp_dry_id] == 44) $q44 = ($row[cp_dry_d_q] == ""? "-" : $row[cp_dry_d_q]);
            if ($row[cp_dry_id] == 46) $q46 = ($row[cp_dry_d_q] == ""? "-" : $row[cp_dry_d_q]); //ปตร. เขาคลองเล็กสองฝั่ง
            if ($row[cp_dry_id] == 47) $q47 = ($row[cp_dry_d_q] == ""? "-" : $row[cp_dry_d_q]); //พื้นน้ำจากลุ่มน้ำแม่กลอง
            if ($row[cp_dry_id] == 48) $q48 = ($row[cp_dry_d_q] == ""? "-" : $row[cp_dry_d_q]); // โครงการพินิจโลก
            if ($row[cp_dry_id] == 49) $q49 = ($row[cp_dry_d_q] == ""? "-" : $row[cp_dry_d_q]); //เขื่อนนรสาร
        }
    }
}

#####
//เพื่อนbhumibol,sirikit,pasak พทupper,min เพื่อคำนวณค่าปริมาณน้ำที่ใช้การได้
$rsql = "select upper,min,max from dam where dam_id='1' ";$r_rs = @pg_exec($conn, $rsql);
$upper1 = @pg_result($r_rs,0,0); $min1 = @pg_result($r_rs,0,1);$max1 = @pg_result($r_rs,0,2);
$rsql = "select upper,min,max from dam where dam_id='2' ";$r_rs = @pg_exec($conn, $rsql);
$upper2 = @pg_result($r_rs,0,0); $min2 = @pg_result($r_rs,0,1);$max2 = @pg_result($r_rs,0,2);

```

```

// $rsq1 = "select upper,min,max from dam where dam_id='19' "; $r_rs = @pg_exec($conn, $rsq1);
// $upper19 = @pg_result($r_rs,0,0); $min19 = @pg_result($r_rs,0,1); $max19 = @pg_result($r_rs,0,2);

#####
$b_date = split("/", $sdate); //data date
$bd = Date_Calc::prevDay($b_date[2], $b_date[1], $b_date[0]); //date, month, year yesterday
$sql = "select * from d_dam where d_dam_date = '$bd' ";
$rs = @pg_exec($conn, $sql);
if ($rs) { $numr = pg_numrows($rs);
    if ($numr > 0) {
        for ($i=0; $i<$numr; $i++) { $row = pg_fetch_array($rs, $i);
            if ($row[dam_id] == 1) { //ภูมิพล
                $dam_f_now1 = ($row[dam_f_now] != "") ? number_format(round($row[dam_f_now]), 0, ".", ",") : "-";

//น้ำไหลเข้าอ่าง

                // $dam_q_total1 = $upper1 - ($min1 + $row[dam_q_total]); //ใช้การได้
                $dam_q_total1 = $row[dam_q_now];
                //echo "aa $dam_f_now1, $dam_q_total1";
                // $pp1 = $upper1 - ($min1 + $row[dam_q_total]); //ใช้การได้
                // $p1 = number_format((( $pp1 * 100) / ($upper1 - $min1)), 0, ".", ","); // % ใช้การได้
                $p1 = number_format((( $dam_q_total1 * 100) / $upper1), 0, ".", ",");
                $dam_q_total1 = ($dam_q_total1 != "") ? number_format($dam_q_total1, 0, ".", ",") : "-";
                $dam_o_now1 = ($row[dam_o_now] != "") ? $row[dam_o_now] : "-"; //ระบาย ลบม./วิ
                if ($dam_o_now1 != "-") $dam_o1 = round($dam_o_now1 * 11.57); // ระบาย ลบม.

            }
            if ($row[dam_id] == 2) { //สิริภค
                $dam_f_now2 = ($row[dam_f_now] != "") ? number_format(round($row[dam_f_now]), 0, ".", ",") : "-";
                // $dam_q_total2 = $upper2 - ($min2 + $row[dam_q_total]); //ใช้การได้
                $dam_q_total2 = $row[dam_q_now];
                // $pp2 = $upper2 - ($min2 + $row[dam_q_total]); //ใช้การได้
                // $p2 = number_format(($pp2 * 100) / ($upper2 - $min2), 0, ".", ","); // % ใช้การได้
                $p2 = number_format((( $dam_q_total2 * 100) / $upper2), 0, ".", ",");
                $dam_q_total2 = ($dam_q_total2 != "") ? number_format($dam_q_total2, 0, ".", ",") : "-";
                $dam_o_now2 = ($row[dam_o_now] != "") ? $row[dam_o_now] : "-";
                if ($dam_o_now2 != "-") $dam_o2 = round($dam_o_now2 * 11.57);

            }
            if ($row[dam_id] == 19) { //ปัทม
                $dam_f_now19 = ($row[dam_f_now] != "") ? number_format($row[dam_f_now], 2, ".", ",") : "-";
                // $dam_q_total19 = $upper19 - ($min19 + $row[dam_q_total]); //ใช้การได้

```

```

11.57),0,".",","): "-";
    }
}

}

#####
if ($q1 != "-") { $a = split("/", $sdate); $edate = $a[0] . "/" . $a[1] . "/" . ($a[2]-4); //ปริมาณน้ำตามธรรมชาติ
    $sql = "select * from d_dam where d_dam_date = '$edate' ";
    //echo " $sql<br>";
    $rs = @pg_exec($conn, $sql) ;
    if ($rs) { $numr = pg_numrows($rs); //ภูมิพล (ย้อนหลัง 4 วัน) - สิริกิตร์ (ย้อนหลัง 4 วัน)
        for ($i=0;$i<$numr;$i++) { $row = pg_fetch_array($rs, $i);
            if ($row[dam_id] == 1) $do1 = ($row[dam_o_now]*pow(10,6)) /24 /60 /60; // ภูมิพล
            if ($row[dam_id] == 2) $do2 = ($row[dam_o_now]*pow(10,6)) /24 /60 /60; // สิริกิตร์
        } $n = roundall($q1 - $do1 - $do2);
    } $n = ($n == "") ? "-" : $n;
}

#####
//bma ระดับน้ำนอกคันกั้นน้ำเมื่อวานนี้ จากวันที่มีข้อมูล ค่าสูงสุด ค่าสุด สถานสถานีสูบน้ำคลองบางเขนใหม่ E08 และสถานีสูบน้ำคลองบางอี E30
$conn_bma = pg_connect("host=dbms port=5432 user=guest password=**** dbname=bma");
if (!$conn_bma) error_log("Unable to open while processing ");
$rsq1 = "select max(msl_out),min(msl_out) from station_data where date =' " . $pryear . "/" . $prmonth . "/" . $prdate .
    "' and code = 'E08' "; $r_rs = @pg_exec($conn_bma, $rsq1); $plmax08 = @pg_result($r_rs,0,0); $plmin08 =
@pg_result($r_rs,0,1);
$rsq1 = "select max(msl_out),min(msl_out) from station_data where date =' " . $pryear . "/" . $prmonth . "/" . $prdate .
    "' and code = 'E30' "; $r_rs = @pg_exec($conn_bma, $rsq1); $plmax30 = @pg_result($r_rs,0,0); $plmin30 =
@pg_result($r_rs,0,1);
//ระดับน้ำนอกคันกั้นน้ำและในคันกั้นน้ำขณะนี้ ณ เวลาปัจจุบัน สถานสถานีสูบน้ำคลองบางเขนใหม่ E08
$bma_date = date("Y/m/d"); $b_date = split("/", $bma_date); //current date
$bd = Date_Calc::prevDay($b_date[2], $b_date[1], $b_date[0]); //date, month, year yesterday
$prd = substr($bd, 6, 2); $prm = substr($bd, 4, 2); $pry = substr($bd, 0, 4); // yesterday
$c_date = $b_date[2] . "/" . $b_date[1] . "/" . substr($b_date[0], 2, 2); // current date

$time = date("H:i"); // current time
$rsq1 = "select msl_out,msl_in,substring(time from 0 for 6) from station_data where date ='$bma_date' and substring(time
from 0 for 6) = '$time' and code = 'E08' ";

```

```

$`r`_rs = @pg_exec($conn_bma, $rsq`l`); $num = pg_numrows($r`_`rs); // ถ้าเวลานี้ไม่มีข้อมูลไปหาเวลาล่าสุดที่มีข้อมูลมาแสดง
if ($num <=0) {
    $rsq`l` = "select max(time) from station_data where date ='$bma_date' and code = 'E08'"; //find laster time in current date
    $rs = @pg_exec($conn_bma, $rsq`l`); $time = substr(@pg_result($rs,0,0),0,5);
    $rsq`l` = "select msl_out,msl_in,substring(time from 0 for 6) from station_data where date ='$bma_date' and
substring(time from 0 for 6) = '$time' and code = 'E08' ";
    $r`_`rs = @pg_exec($conn_bma, $rsq`l`);
}
$clout08 = @pg_result($r`_`rs,0,0); $clin08 = @pg_result($r`_`rs,0,1);$time08 = @pg_result($r`_`rs,0,2);
//สถานีสูบน้ำคลองบางอีต`ล` E30
$rsq`l` = "select msl_out,msl_in,substring(time from 0 for 6) from station_data where date ='$bma_date' and substring(time
from 0 for 6) = '$time' and code = 'E30' ";
$r`_`rs = @pg_exec($conn_bma, $rsq`l`); $num = pg_numrows($r`_`rs);
if ($num <= 0) {
    $rsq`l` = "select max(time) from station_data where date ='$bma_date' and code = 'E30'"; // find laster time in
current date
    $rs = @pg_exec($conn_bma, $rsq`l`); $time = substr(@pg_result($rs,0,0),0,5);
    $rsq`l` = "select msl_out,msl_in,substring(time from 0 for 6) from station_data where date ='$bma_date' and
substring(time from 0 for 6) = '$time' and code = 'E30' ";
    $r`_`rs = @pg_exec($conn_bma, $rsq`l`);
}
$clout30 = @pg_result($r`_`rs,0,0); $clin30 = @pg_result($r`_`rs,0,1);$time30 = @pg_result($r`_`rs,0,2);
#####
//storm ปริมาณน้ำฝนสะสมรายวันเฉลี่ยเหนือเขื่อนสิริกิต`
$conn_storm = pg_connect("host=dbms port=5432 user=guest password=**** dbname=storm");
if (!$conn_storm) error_log("Unable to open while processing ");
$rsq`l` = "select avg(rainfall_24hr) from weather_daily where date = '$sdate' and
(code=351201 or code=330201 or code=331201 or code=3313011 or code=331401 or code=9999901)";
// echo "$rsq`l`<br>";
$r`_`rs = @pg_exec($conn_storm, $rsq`l`); $avg1 = (@pg_result($r`_`rs,0,0) != "") ?
number_format(@pg_result($r`_`rs,0,0),0,".",",") : "-";
//storm ปริมาณน้ำฝนสะสมรายวันเฉลี่ยเหนือเขื่อนภูมิพล
$rsq`l` = "select avg(rainfall_24hr) from weather_daily where date = '$sdate' and
(code=328201 or code=3283011 or code=3273011 or code=329201 or code=327501 or code=310201 or code=303201
or code=3033011)";
$r`_`rs = @pg_exec($conn_storm, $rsq`l`); $avg2 = (@pg_result($r`_`rs,0,0) != "") ?
number_format(@pg_result($r`_`rs,0,0),0,".",",") : "-";
#####
//storm ปริมาณน้ำฝนสะสมรายวันเฉลี่ยปทุมธานี

```

```

        $rsq1 = "select avg(rainfall_24hr) from weather_daily where date = '$sdate' and
                (code=9999905 or code=455201 or code=429201 or code=455203 or code=455801 or code=4553013) and rainfall_24hr <>
'999999' ";
        $r_rs = @pg_exec($conn_storm, $rsq1); $arf1 = (@pg_result($r_rs,0,0) != "") ?
number_format(@pg_result($r_rs,0,0),0,".",",") : "-";

        //storm ปริมาณน้ำฝนสะสมรายวันเฉลี่ย
        $rsq1 = "select avg(rainfall_24hr) from weather_daily where date = '$sdate' and
                (code=4003013 or code=4023013 or code=426201) and rainfall_24hr <> '999999' ";
        $r_rs = @pg_exec($conn_storm, $rsq1); $arf2 = (@pg_result($r_rs,0,0) != "") ?
number_format(@pg_result($r_rs,0,0),0,".",",") : "-";

        //storm ปริมาณน้ำฝนสะสมรายวันเฉลี่ย
        $rsq1 = "select avg(rainfall_24hr) from weather_daily where date = '$sdate' and
                (code=3733011 or code=9999902 or code=378201 or code=3863011 or code=400201) and rainfall_24hr <> '999999' ";
        $r_rs = @pg_exec($conn_storm, $rsq1); $arf3 = (@pg_result($r_rs,0,0) != "") ?
number_format(@pg_result($r_rs,0,0),0,".",",") : "-";

        //storm ปริมาณน้ำฝนสะสมรายวันเฉลี่ย
        $rsq1 ="select avg(rainfall_24hr)from weather_daily where date = '$sdate' and
                (code=450201 or code=4253013 or code=4513013)and rainfall_24hr <> '999999' ";
        $r_rs =@pg_exec($conn_storm, $rsq1); $arf4=(@pg_result($r_rs,0,0)!="")? number_format(@pg_result($r_rs,0,0),0,".",",") : "-";

        //storm ปริมาณน้ำฝนสะสมรายวันเฉลี่ย
        $rsq1 = "select avg(rainfall_24hr) from weather_daily where date = '$sdate' and
                (code=425201) and rainfall_24hr <> '999999' ";
        $r_rs = @pg_exec($conn_storm, $rsq1); $arf5 = (@pg_result($r_rs,0,0) != "") ?
number_format(@pg_result($r_rs,0,0),0,".",",") : "-";

        //storm ปริมาณน้ำฝนสะสมรายวันเฉลี่ย
        $rsq1 = "select avg(rainfall_24hr) from weather_daily where date = '$sdate' and
                (code=376201 or code=380201) and rainfall_24hr <> '999999' " ;
        $r_rs = @pg_exec($conn_storm, $rsq1); $arf6 = (@pg_result($r_rs,0,0) != "") ?
number_format(@pg_result($r_rs,0,0),0,".",",") : "-";
        pgclose($conn);
?>
<DIV id=station STYLE='position: absolute; top: 65px; left: 0px; visibility: visible'>
    <img src='new_ch.gif' border='0' usemap="#Map">
    <map name="Map">

```

```

<area shape="rect" coords="337,71,383,100" href="#" alt="ภูมิพล" title="ภูมิพล"
onclick="window.open('rid_lgraph.php?dam_id=1&year1=2002','_blank','width=850,height=600,status=no,toolbar=no,menubar=yes,resizable=yes,scrollbars=yes,top=10,left=100')">
<area shape="rect" coords="616,72,658,99" href="#" alt="สิริกิติ์" title="สิริกิติ์"
onclick="window.open('rid_lgraph.php?dam_id=2&year1=2002','_blank','width=850,height=600,status=no,toolbar=no,menubar=yes,resizable=yes,scrollbars=yes,top=10,left=100')">
<area shape="rect" coords="422,258,450,287" href="#" alt="นครสวรรค์" title="นครสวรรค์"
onclick="window.open('rid_cp_lgraph.php?cp_dry_id=1&year1=2002','_blank','width=850,height=600,status=no,toolbar=no,menubar=yes,resizable=yes,scrollbars=yes,top=10,left=100')">
<area shape="rect" coords="288,297,314,331" href="#" alt="มะขามเฒ่า" title="มะขามเฒ่า"
onclick="window.open('rid_cp_lgraph.php?cp_dry_id=26&year1=2002','_blank','width=850,height=600,status=no,toolbar=no,menubar=yes,resizable=yes,scrollbars=yes,top=10,left=100')">
<area shape="rect" coords="566,304,596,329" href="#" alt="มโนรมย์" title="มโนรมย์"
onclick="window.open('rid_cp_lgraph.php?cp_dry_id=5&year1=2002','_blank','width=850,height=600,status=no,toolbar=no,menubar=yes,resizable=yes,scrollbars=yes,top=10,left=100')">
<area shape="rect" coords="277,360,310,392" href="#" alt="พลเทพ" title="พลเทพ"
onclick="window.open('rid_cp_lgraph.php?cp_dry_id=27&year1=2002','_blank','width=850,height=600,status=no,toolbar=no,menubar=yes,resizable=yes,scrollbars=yes,top=10,left=100')">
<area shape="rect" coords="565,366,594,398" href="#" alt="เขาคลองเหล็ก" title="เขาคลองเหล็ก"
onclick="window.open('rid_cp_lgraph.php?cp_dry_id=46&year1=2002','_blank','width=850,height=600,status=no,toolbar=no,menubar=yes,resizable=yes,scrollbars=yes,top=10,left=100')">
<area shape="rect" coords="277,425,310,453" href="#" alt="บรมธาตุ" title="บรมธาตุ"
onclick="window.open('rid_cp_lgraph.php?cp_dry_id=40&year1=2002','_blank','width=850,height=600,status=no,toolbar=no,menubar=yes,resizable=yes,scrollbars=yes,top=10,left=100')">
<area shape="rect" coords="599,231,643,262" href="#" alt="พิษณุโลก" title="พิษณุโลก"
onclick="window.open('rid_cp_lgraph.php?cp_dry_id=48&year1=2002','_blank','width=850,height=600,status=no,toolbar=no,menubar=yes,resizable=yes,scrollbars=yes,top=10,left=100')">
<area shape="rect" coords="558,424,591,456" href="#" alt="มหาราช" title="มหาราช"
onclick="window.open('rid_cp_lgraph.php?cp_dry_id=25&year1=2002','_blank','width=850,height=600,status=no,toolbar=no,menubar=yes,resizable=yes,scrollbars=yes,top=10,left=100')">
<area shape="rect" coords="433,485,486,517" href="#" alt="เจ้าพระยา" title="เจ้าพระยา"
onclick="window.open('rid_cp_lgraph.php?cp_dry_id=2&year1=2002','_blank','width=850,height=600,status=no,toolbar=no,menubar=yes,resizable=yes,scrollbars=yes,top=10,left=100')">
<area shape="rect" coords="622,484,656,517" href="#" alt="เวียงราง" title="เวียงราง"
onclick="window.open('rid_cp_lgraph.php?cp_dry_id=8&year1=2002','_blank','width=850,height=600,status=no,toolbar=no,menubar=yes,resizable=yes,scrollbars=yes,top=10,left=100')">

```

```

<area shape="rect" coords="736,517,759,562" href="#" alt="ป่าสัก" title="ป่าสัก"
onclick="window.open('rid_lgraph.php?dam_id=19&year1=2002','_blank','width=850,height=600,status=no,toolbar=no,menubar=yes,resizable=yes,scrollbars=yes,top=10,left=100')">
<area shape="rect" coords="300,561,334,587" href="#" alt="ตักไห" title="ตักไห"
onclick="window.open('rid_cp_lgraph.php?cp_dry_id=43&year1=2002','_blank','width=850,height=600,status=no,toolbar=no,menubar=yes,resizable=yes,scrollbars=yes,top=10,left=100')">
<area shape="rect" coords="577,565,616,599" href="#" alt="พระราม6" title="พระราม6"

onclick="window.open('rid_cp_lgraph.php?cp_dry_id=9&year1=2002','_blank','width=850,height=600,status=no,toolbar=no,menubar=yes,resizable=yes,scrollbars=yes,top=10,left=100')">
<area shape="rect" coords="629,628,658,661" href="#" alt="พระนารายณ์" title="พระนารายณ์"

onclick="window.open('rid_cp_lgraph.php?cp_dry_id=10&year1=2002','_blank','width=850,height=600,status=no,toolbar=no,menubar=yes,resizable=yes,scrollbars=yes,top=10,left=100')">
<area shape="rect" coords="153,711,182,739" href="#" alt="โพธิ์พระยา" title="โพธิ์พระยา"

onclick="window.open('rid_cp_lgraph.php?cp_dry_id=30&year1=2002','_blank','width=850,height=600,status=no,toolbar=no,menubar=yes,resizable=yes,scrollbars=yes,top=10,left=100')">
<area shape="rect" coords="305,710,336,740" href="#" alt="โพธิ์คอย" title="โพธิ์คอย"

onclick="window.open('rid_cp_lgraph.php?cp_dry_id=32&year1=2002','_blank','width=850,height=600,status=no,toolbar=no,menubar=yes,resizable=yes,scrollbars=yes,top=10,left=100')">
<area shape="rect" coords="106,766,133,805" href="#" alt="แม่กลอง" title="แม่กลอง"

onclick="window.open('rid_cp_lgraph.php?cp_dry_id=47&year1=2002','_blank','width=850,height=600,status=no,toolbar=no,menubar=yes,resizable=yes,scrollbars=yes,top=10,left=100')">
<area shape="rect" coords="588,686,623,714" href="#" alt="พระศรีศิลป์" title="พระศรีศิลป์"

onclick="window.open('rid_cp_lgraph.php?cp_dry_id=12&year1=2002','_blank','width=850,height=600,status=no,toolbar=no,menubar=yes,resizable=yes,scrollbars=yes,top=10,left=100')">
<area shape="rect" coords="691,736,737,772" href="#" alt="พระศรีเสาวภาค" title="พระศรีเสาวภาค"

onclick="window.open('rid_cp_lgraph.php?cp_dry_id=13&year1=2002','_blank','width=850,height=600,status=no,toolbar=no,menubar=yes,resizable=yes,scrollbars=yes,top=10,left=100')">
<area shape="rect" coords="673,805,718,832" href="#" alt="เขื่อนพระธรรม" title="เขื่อนพระธรรม"

onclick="window.open('rid_cp_lgraph.php?cp_dry_id=15&year1=2002','_blank','width=850,height=600,status=no,toolbar=no,menubar=yes,resizable=yes,scrollbars=yes,top=10,left=100')">

```

```

<area shape="rect" coords="543,732,588,775" href="#" alt="บางเขนใหม่" title="บางเขนใหม่"
onclick="window.open('http://tiwrm.hpcc.nectec.or.th/cgi-
pub/GIS/REPORT/openBMAGraph?station=E08&type=inout','_blank','width=800,height=550,status=no,toolbar=no,menubar=yes,resizable=yes
,scrollbars=yes,top=10,left=100')">
<area shape="rect" coords="541,905,592,941" href="#" alt="บางซื่อ" title="บางซื่อ"
onclick="window.open('http://tiwrm.hpcc.nectec.or.th/cgi-
pub/GIS/REPORT/openBMAGraph?station=E30&type=inout','_blank','width=800,height=550,status=no,toolbar=no,menubar=yes,resizable=yes
,scrollbars=yes,top=10,left=100')">

<area shape="rect" coords="688,866,740,899" href="#" alt="ปลายคลอง 13" title="ปลายคลอง 13"

onclick="window.open('rid_cp_lgraph.php?cp_dry_id=16&year1=2002','_blank','width=850,height=600,status=no,toolbar=no,menu
bar=yes,resizable=yes,scrollbars=yes,top=10,left=100')">
<!-- <area shape="rect" coords="194,900,237,938" href="#" alt="ท่าจีน" title="ท่าจีน">
<area shape="rect" coords="539,843,578,878" href="#" alt="สะพานพุทธ" title="สะพานพุทธ">
<area shape="rect" coords="721,933,762,972" href="#" alt="บางนา" title="บางนา" -->
<area shape="rect" coords="280,631,311,661" href="#" alt="พิพิธภัณฑสถานแห่งชาติ" title="พิพิธภัณฑสถานแห่งชาติ"

onclick="window.open('rid_cp_lgraph.php?cp_dry_id=44&year1=2002','_blank','width=850,height=600,status=no,toolbar=no,menubar=yes,resize
nable=yes,scrollbars=yes,top=10,left=100')">
<!-- <area shape="rect" coords="255,233,313,266" href="#" alt="ปริมาณน้ำตามธรรมชาติ" title="ปริมาณน้ำตามธรรมชาติ" -->
</map>
<br>
ที่มา : ศูนย์ปฏิบัติการจัดการทรัพยากรน้ำ สำนักชลประทานที่ 11 กรมชลประทาน

<div id="Layer39" style="position:absolute; left:150 px; top:25 px; width:1000px; height:13px; z-index:39">
<?="<font color=black><b>ฝนสะสมรายวันเฉลี่ยเหนือเขื่อนภูมิพล</b></font> $avg2 <font color=black> มม.</font></b>" ?></div>
<div id="Layer40" style="position:absolute; left:430 px; top:25 px; width:1000px; height:13px; z-index:40">
<?="<font color=black><b>ฝนสะสมรายวันเฉลี่ยเหนือเขื่อนสิริกิติ์</b></font> $avg1 <font color=black> มม.</font></b>" ?></div>

<div id="Layer58" style="position:absolute; left:297 px; top:80 px; width:81px; height:13px; z-index:1">
<?=" $p_date ?></div><!-- วันที่ ภูมิพล -->
<div id="Layer59" style="position:absolute; left:570 px; top:80 px; width:81px; height:13px; z-index:1">
<?=" $p_date ?></div><!-- วันที่ สิริกิติ์ -->

<div id="Layer1" style="position:absolute; left:220 px; top:100 px; width:81px; height:13px; z-index:1">
<?=" $dam_f_now1 ?></div><!-- น้ำไหล ภูมิพล -->

```

```

<div id="Layer2" style="position:absolute; left:240 px; top:118 px; width:63px; height:16px; z-index:2">
  <?=$dam_q_total1?> </div><!-- ใช้กรไฟดู -->
<div id="Layer38" style="position:absolute; left:345 px; top:118 px; width:63px; height:16px; z-index:2">
  <?=" ($. $p1. "%)" ?> </div><!-- % -->
<div id="Layer3" style="position:absolute; left:210 px; top:135px; width:101px; height:19px; z-index:3">
  <?=$dam_o1 ?></div><!-- ระบาย ฤ -->
<div id="Layer37" style="position:absolute; left:300 px; top:135px; width:101px; height:19px; z-index:37">
  <?=$dam_o_now1 ?></div><!-- ระบาย ฤ1 -->
<div id="Layer4" style="position:absolute; left:500 px; top:100 px; width:84px; height:18px; z-index:4">
  <?=$dam_f_now2 ?></div><!-- อ้าง สิริ -->
<div id="Layer5" style="position:absolute; left:520 px; top:116 px; width:60px; height:19px; z-index:5">
  <?=$dam_q_total2 ?></div><!-- ใช้ สิริ -->
<div id="Layer5" style="position:absolute; left:620 px; top:116 px; width:60px; height:19px; z-index:5">
  <?=" ($. $p2. "%)" ?> </div><!-- % -->
<div id="Layer6" style="position:absolute; left:490 px; top:134px; width:103px; height:15px; z-index:6">
  <?=$dam_o2 ?></div><!-- ระบาย สิริ -->
<div id="Layer38" style="position:absolute; left:570 px; top:134px; width:103px; height:15px; z-index:38">
  <?=$dam_o_now2 ?></div><!-- ระบาย สิริ -->
<div id="Layer7" style="position:absolute; left:220 px; top:260 px; width:52px; height:19px; z-index:7">
  <?=$n ?></div><!-- ปริมาณน้ำตามธรรมชาติ -->
<div id="Layer8" style="position:absolute; left:375 px; top:285 px; width:23px; height:16px; z-index:8">
  <?=$q1 ?></div><!-- นครสวรรค์ -->
<div id="Layer9" style="position:absolute; left:535 px; top:260 px; width:56px; height:15px; z-index:9">
  <?=$q48 ?></div><!-- พิษณุ -->
<div id="Layer10" style="position:absolute; left:240 px; top:329 px; width:44px; height:13px; z-index:10">
  <?=$q26 ?></div><!-- มะขามเต่า -->
<div id="Layer11" style="position:absolute; left:530 px; top:325 px; width:40px; height:16px; z-index:11">
  <?=$q5 ?></div><!-- มโนรมย์ -->
<div id="Layer12" style="position:absolute; left:243 px; top:385 px; width:44px; height:16px; z-index:12">
  <?=$q27 ?></div><!-- พลเทพ -->
<div id="Layer13" style="position:absolute; left:522 px; top:395 px; width:42px; height:17px; z-index:13">
  <?=$q46 ?></div><!-- เข้าคลอง -->
<div id="Layer14" style="position:absolute; left:245 px; top:450 px; width:40px; height:16px; z-index:14">
  <?=$q40 ?></div><!-- บรรมาตุ -->
<div id="Layer15" style="position:absolute; left:525 px; top:450 px; width:40px; height:18px; visibility: visible">
  <?=$q25 ?></div><!-- มหาราช -->
<div id="Layer16" style="position:absolute; left:395 px; top:510 px; width:61px; height:17px; visibility: visible">

```

```

<?= $l2 ?></div><!-- เจ้าพระยา ระบายท้ายเขื่อน-->
<div id="Layer17" style="position:absolute; left:395 px; top:530 px; width:63px; height:15px; visibility: visible">
  <?= $q2 ?></div><!-- เจ้าพระยา ระบายเหนือเขื่อน-->
<div id="Layer18" style="position:absolute; left:580 px; top:515 px; width:46px; height:16px; visibility: visible">
  <?= $q8 ?></div><!-- เสร้งาง-->
<div id="Layer19" style="position:absolute; left:673 px; top:568 px; width:45px; height:18px; visibility: visible">
  <?= $dam_f_now19 ?></div><!-- ป่าสัก-->
<div id="Layer20" style="position:absolute; left:673 px; top:600 px; width:48px; height:15px; z-index:20">
  <?= $dam_q_total19 ?></div><!-- ป่าสัก1-->
<div id="Layer21" style="position:absolute; left:673 px; top:634 px; width:43px; height:21px; z-index:21">
  <?= $dam_o_now19 ?></div><!-- ป่าสัก2-->
<div id="Layer22" style="position:absolute; left:265 px; top:588 px; width:35px; height:15px; z-index:22">
  <?= $q43 ?></div><!-- ตักไฟ-->
<div id="Layer23" style="position:absolute; left:245 px; top:660 px; width:42px; height:14px; z-index:23">
  <?= $q44 ?></div><!-- เจ้าเข็ด-->
<div id="Layer24" style="position:absolute; left:110 px; top:737 px; width:42px; height:18px; z-index:24">
  <?= $q30 ?></div><!-- โพธิ์พระยา-->
<div id="Layer25" style="position:absolute; left:250 px; top:737 px; width:44px; height:17px; z-index:25">
  <?= $q32 ?></div><!-- โพธิ์ค้อย-->
<div id="Layer26" style="position:absolute; left:541px; top:590 px; width:42px; height:22px; z-index:27">
  <?= $l9 ?></div><!-- ราม6 ระดับน้ำหน้าเขื่อน-->
<div id="Layer27" style="position:absolute; left:544px; top:605 px; width:45px; height:19px; z-index:26">
  <?= $q9 ?></div><!-- ราม6 ระบายท้ายเขื่อน-->
<div id="Layer28" style="position:absolute; left:588 px; top:655 px; width:43px; height:16px; z-index:28">
  <?= $q10 ?></div><!-- พระนารายณ์-->
<div id="Layer29" style="position:absolute; left:550 px; top:710 px; width:43px; height:19px; z-index:29">
  <?= $q12 ?></div><!-- พระศรีศิลป์-->
<div id="Layer30" style="position:absolute; left:650 px; top:765 px; width:40px; height:19px; z-index:30">
  <?= $q13 ?></div><!-- พระศรี-->
<div id="Layer31" style="position:absolute; left:650 px; top:825 px; width:40px; height:20px; z-index:31">
  <?= $q15 ?></div><!-- ไซฟ่อน-->
<div id="Layer32" style="position:absolute; left:650 px; top:895 px; width:40px; height:17px; z-index:32">
  <?= $q16 ?></div><!-- ปลายคลอง-->
<div id="Layer33" style="position:absolute; left:685 px; top:970 px; width:40px; height:17px; z-index:33">
  <?= "-" ?></div><!-- บางปะกง-->
<div id="Layer34" style="position:absolute; left:490 px; top:875 px; width:42px; height:16px; z-index:34">

```

```

    <?= "-" ?></div><!-- สะพาน-->
<div id="Layer35" style="position:absolute; left:93 px; top:935 px; width:58px; height:20px; z-index:35">
    <?= "-" ?></div><!-- ฟ้าเงิน-->
<div id="Layer36" style="position:absolute; left:80 px; top:840 px; width:60px; height:20px; z-index:36">
    <?= $q47 ?></div><!-- แม่กลอง-->
<!-- สถานีสูบน้ำคลองบางเขนใหม่-->
<div id="Layer41" style="position:absolute; left:448px; top:782px; width:29px; height:13px; z-index:1">
<?= $plmax08 ?></div>
<div id="Layer42" style="position:absolute; left:538px; top:782px; width:43px; height:15px; z-index:2">
<?= $plmin08 ?></div>
<div id="Layer43" style="position:absolute; left:458px; top:816px; width:37px; height:13px; z-index:3">
<?= $clout08 ?></div>
<div id="Layer44" style="position:absolute; left:530px; top:816px; width:49px; height:15px; z-index:4">
<?= $clin08 ?></div>
<div id="Layer55" style="position:absolute; left:517px; top:800px; width:100px; height:15px; z-index:55">
<?= $c_date . " " . $time08 ?></div>

<!-- สถานีสูบน้ำคลองบางอีโต้-->
<div id="Layer45" style="position:absolute; left:447px; top:953px; width:27px; height:14px; z-index:5">
<?= $plmax30 ?></div>
<div id="Layer46" style="position:absolute; left:535px; top:953px; width:40px; height:10px; z-index:6">
<?= $plmin30 ?></div>
<div id="Layer47" style="position:absolute; left:458px; top:987px; width:36px; height:11px; z-index:7">
<?= $clout30 ?></div>
<div id="Layer48" style="position:absolute; left:533px; top:987px; width:49px; height:12px; z-index:8">
<?= $clin30 ?></div>
<div id="Layer56" style="position:absolute; left:517px; top:971px; width:100px; height:15px; z-index:4">
<?= $c_date . " " . $time30 ?></div>

<!-- ปริมาณฝนเฉลี่ย-->
<div id="Layer49" style="position:absolute; left:760 px; top:672 px; width:43px; height:16px; z-index:49">
    <b><?= $arf1 ?></font></div>
<div id="Layer50" style="position:absolute; left:765px; top:282px; width:72px; height:17px; z-index:1">
<?= $arf2 ?></div>
<div id="Layer51" style="position:absolute; left:760px; top:136px; width:57px; height:16px; z-index:2">
<?= $arf3 ?></div>
<div id="Layer52" style="position:absolute; left:42px; top:670px; width:54px; height:11px; z-index:3">
<?= $arf4 ?></div>
<div id="Layer53" style="position:absolute; left:50px; top:293px; width:53px; height:15px; z-index:4">

```


ชื่อโปรแกรม : rid_lgraph.php

คำอธิบาย : รายงานปริมาณน้ำที่ระบาย ประตุน้ำกรมชลประทาน แสดงรายงานเป็นกราฟเส้น โดยเลือกประตูระบายน้ำ และปี พ.ศ. ของข้อมูลที่ต้องการ โปรแกรมจะค้นหาข้อมูลปริมาณน้ำที่ระบายจากประตุน้ำกรมชลประทานตามชื่อประตูระบายน้ำและปี พ.ศ. ของข้อมูล และแสดงกราฟ

<?

#####

nectec -- high performance computing research and development division --

#

version: 1

project: tiwrm

filename: rid_lgraph.php

author(s): thitiporn meeprasert

purpose: line graph cp_dry_d report

#

cmd line arg: none

input:

output:

date created:

history:

#

#####

***** main script *****

#####

#

global vars:

modified:

#

#####

include "config.php";

\$conn = pg_open(); if (\$year1 == "") \$year1 = date("Y") . "," . (date("Y") -1) . "," . (date("Y")-2) . ",";

if (\$year1) \$year = split(",", \$year1);

??

<html>

<head>

<title>รายงานปริมาณน้ำที่ระบาย ประตุน้ำกรมชลประทาน</title>

<META name='Author' content='<?=\$author ?>'><META name='Author' content='<?=\$author ?>'>

<META NAME='description' CONTENT=''>

<META NAME='keywords' CONTENT=''>

<META http-equiv='Content-Type' content='text/html; charset=TIS-620'>

<LINK rel=stylesheet href="/stylesheet/reportstyle.css" type="text/css" title="mainstyle">

```

<script>
function.opengraph1() { var i; var year1 = "";
    if (document.form1.xyear) {
        for (i=0;i<document.form1.xyear.length;i++) {
            if (document.form1.xyear.options[i].selected == true) //alert(document.form1.xyear.options[i].value)
                year1 = year1 + document.form1.xyear.options[i].value + ",";
        }
        document.form1.year1.value = year1;
    }
}
</script>
</head>
<body>
<center>
<?
    if ($year1 != "") { $cyear = count($year) -1;
        for ($x=0;$x<$cyear;$x++) {
            $sql = "select cp_dry_d_date,cp_dry_d_q,cp_dry_name from cp_dry_d inner join cp_dry on (cp_dry_d.cp_dry_id
= cp_dry.cp_dry_id) where cp_dry.cp_dry_id = '$cp_dry_id' and substring(cp_dry_d_date from 0 for 5) = '$year[$x]' and cp_dry_d_q
<> 0 order by cp_dry_d_date";
            // echo "$sql<br>";
            $rs = pg_exec($conn, $sql);
            if ($rs) { $num = pg_numrows($rs); $a = array();
                if ($num > 0) {
                    for ($j=0;$j<$num;$j++) { $row = @pg_fetch_row($rs,$j); $xv = "value$x"; $xm .= $row[1] . ",";
                    $arr = split("-", $row[0]); $vname = $row[2];
                    $a [substr($arr[2],0,1) == 0 ? substr($arr[2],1,1) : substr($arr[2],0,2)]
[substr($arr[1],0,1) == 0 ? substr($arr[1],1,1) : substr($arr[1],0,2)] = $row[1]; // keep value in hash array
                }
                for ($i=1;$i<13;$i++) { $m = date ("t", mktime(0,0,0,$i,1,$year[$x])); // gen value data for
graph
                    for($k=1;$k<$m+1;$k++) { $av = (trim($a [$k] [$i]) != "") ? $a [$k] [$i] : "x"; $$xv .=
$av . ","; }
                }
            } $xname .= $year[$x] . ",";
        }
    }
    for ($i=1;$i<13;$i++) { $m = date ("t", mktime(0,0,0,$i,1,2000)); // gen date data for graph
        for($k=1;$k<$m+1;$k++) { $xdate .= $k . " " . $tmontha[$i-1] . ","; }
    }
}

```

```

}
echo "<h4>$vname</h4>";
if ($xv) { $mm = split(",",$xm);
    $vmax = max($mm); $vmin = minnum($mm); $p = roundall(($vmax + $vmin) * 0.1); $max = $vmax+$p; $min = $vmin - $p ;
    if ($min > $dmin) $min = $dmin*0.5;
    //if ($cyear <= 1) $ccolor= "";
    echo "<table border=0 width=100%><tr><td align=center>";
    echo "<applet code=com.objectplanet.chart.LineChartApplet archive=chart.jar width=550 height=400>\n";
        for ($i=0;$i<$cyear;$i++) { $sv = "samplevalues_$i"; $xv = "value$i";
            echo "<param name=$sv value='\".$xv.\"'>\n";
        }
    echo "<param name=chartTitle value='\">
    <param name=range value='$max'>
    <param name=rangeStep value='1000'>
    <param name=lowerRange value='$min'>
    <param name=seriesCount value='$cyear'>
    <param name=sampleCount value='366'>
    <param name=seriesLabels value='$xname'>
    <param name=sampleLabels value='$xdate'>
    <param name=sampleAxisLabel value='วันที่/เวลา'>
    <param name=rangeAxisLabel value='ปริมาณน้ำที่ระบาย (ลูกบาศก์เมตร/วินาที)'>
    <param name=rangeAxisLabelAngle value='270'>
    <param name=sampldecimalcount value='2'>
    <param name=graphInsets value='-1,-1,-1,-1'>
    <param name=font value='Dialog, plain,12'>
    <param name=sampleAxisLabelFont value='Dialog, bold,12'>
    <param name=rangeAxisLabelFont value='Dialog, bold,12'>
    <param name=rangeAdjusterOn value=true>
    <param name=sampleLabelsOn value=true>
    <param name=autoLabelSpacingOn value=true>
    <param name=sampleScrollerOn value=true>
    <param name=sampleColors value='$ccolor'>
    <param name=sampleLabelsOn value=true>
    <param name=legendOn value=true>
    <param name=legendPosition value='bottom'>
    <param name=valueLinesOn value=true>
    <param name=autoLabelSpacingOn value=true>
    <param name='connectedLinesOn' value=true>
    </applet>";
//
    <param name=sampleHighlightOn value='true'>

```

```
//
    <param name=sampleHighlightStyle value='circle_filled, square_filled, diamond_filled' >

    echo "<td>&nbsp;<td valign=top align=center>";
    echo "<form name=form1 action=$PHP_SELF method=post><input type=hidden name=cp_dry_id value='$cp_dry_id'>";
    <input type=hidden name=year1>เลือกปี<br>";
    $sql = "select distinct substring(cp_dry_d_date from 0 for 5) as cp_dry_d_date from cp_dry_d where
cp_dry_id='$cp_dry_id' and cp_dry_d_q <> 0 order by cp_dry_d_date desc";
    // echo "$sql";
    $rs = pg_exec($conn, $sql) ;
    if ($rs) { $numr = pg_numrows($rs);
        if ($numr > 0) { echo "<select name='xyear' multiple>";
            for ($j=0;$j<$numr;$j++) { $row = pg_fetch_row($rs,$j);
                echo "<option value='$row[0]'. ((preg_match('/\b$row[0]\b/i',$year1)) ? \"selected\" : \"\")
. ">$row[0]</option>\n";
            }
        }
    }
    echo "</select><br><br><input type=submit name=submit value=แสดงแผนภูมิ onclick=opengraph1()><br><br>
    <input type=button value='ปิด' onClick='window.close()'></form></tr></table>";
    pgclose($conn);
}
echo "</center><font size=-2><br>ที่มา : ศูนย์ปฏิบัติการจัดสรรน้ำ สำนักอุทกวิทยาและบริหารน้ำ กรมชลประทาน";
?>
*****
```

```

ชื่อโปรแกรม : rid_pch.php
คำอธิบาย : รายงานแผนผังสภาพน้ำในอ่างเก็บน้ำขนาดใหญ่ของกรมชลประทาน โดยเลือกวันที่ต้องการดูข้อมูล เป็นการแสดงผลรายงานเพื่อพิมพ์ออกทางเครื่องพิมพ์
*****
<?
#####
# nectec -- high performance computing research and development division --
#
# version:
# project: tiwrm
# filename: rid_pch.php
# author(s): thitiporn meeprasert
# purpose: genarl water data of choapraya basin report
#
# cmd line arg: none
# input:
# output:
# date created:
# history:
#
#####
# ***** main script *****
#####
#
# global vars:
# modified:
#
#####
include "config.php"; $conn = pg_open(); include("date.class"); // หาวันที่ก่อนหน้า วันที่ถัดไป จากวันที่มีข้อมูล
if ($sdate == "") $sdate = date("Y/m/d");
$arr = split("/", $sdate);
$ddate = (substr($arr[2], 0, 1) == 0 ? substr($arr[2], 1, 1) : substr($arr[2], 0, 2)) . " " . $tmonth[$arr[1]-1] . " " .
($arr[0] + 543) ;
?>
<html>
<head>
<title>รายงานสภาพน้ำในอ่างเก็บน้ำขนาดใหญ่ของกรมชลประทาน</title>
<META name='Author' content='<?=$author ?>'>
<META name='Author' content='<?=$author1 ?>'>
<META NAME='description' CONTENT=''>

```



```

        if ($row[cp_dry_id] == 46) $q46 = ($row[cp_dry_d_q] == "" ? "-" : $row[cp_dry_d_q]); //ปศ.เข้าคลองเล็กสองฝั่ง
        if ($row[cp_dry_id] == 47) $q47 = ($row[cp_dry_d_q] == "" ? "-" : $row[cp_dry_d_q]); //ต้นน้ำจากลุ่มน้ำแม่กลอง
        if ($row[cp_dry_id] == 48) $q48 = ($row[cp_dry_d_q] == "" ? "-" : $row[cp_dry_d_q]); // โครงการพินิจโลก
        if ($row[cp_dry_id] == 49) $q49 = ($row[cp_dry_d_q] == "" ? "-" : $row[cp_dry_d_q]); //เขื่อนนเรศวร
    }
}

#####
//เชื่อมbhumibol,sirikit,pasak พทupper,min เพื่อคำนวณค่าปริมาณน้ำที่ใช้การได้
$rsq1 = "select upper,min,max from dam where dam_id='1' ";$r_rs = @pg_exec($conn, $rsq1);
$upper1 = @pg_result($r_rs,0,0); $min1 = @pg_result($r_rs,0,1);$max1 = @pg_result($r_rs,0,2);
$rsq1 = "select upper,min,max from dam where dam_id='2' ";$r_rs = @pg_exec($conn, $rsq1);
$upper2 = @pg_result($r_rs,0,0); $min2 = @pg_result($r_rs,0,1);$max2 = @pg_result($r_rs,0,2);
//$rsq1 = "select upper,min,max from dam where dam_id='19' ";$r_rs = @pg_exec($conn, $rsq1);
//$upper19 = @pg_result($r_rs,0,0); $min19 = @pg_result($r_rs,0,1);$max19 = @pg_result($r_rs,0,2);
#####
$b_date = split("/", $sdate); //data date
$bd = Date_Calc::prevDay($b_date[2], $b_date[1], $b_date[0]); //date,month,year yesterday
$sql = "select * from d_dam where d_dam_date = '$bd' ";
//echo "$sql<br>";
$rs = @pg_exec($conn, $sql);
if ($rs) { $numr = pg_numrows($rs);
    if ($numr > 0) {
        for ($i=0;$i<$numr;$i++) { $row = pg_fetch_array($rs, $i);
            if ($row[dam_id] == 1) { //ภูมิพล
                $dam_f_now1 = ($row[dam_f_now] != "") ? number_format(round($row[dam_f_now]),0,".",",") : "-";

//นำไหลเข้าอ่าง

                //$dam_q_totall = $upper1 - ($min1 + $row[dam_q_total]); //ใช้การได้
                $dam_q_totall = $row[dam_q_now];
                //$pp1 = $upper1 - ($min1 + $row[dam_q_total]); //ใช้การได้
                //$p1 = number_format(((($pp1 * 100) / ($upper1 - $min1)),0,".",","); // % ใช้การได้
                $p1 = number_format(((($dam_q_totall * 100) / $upper1),0,".",",");
                $dam_q_totall = ($dam_q_totall != "") ? number_format($dam_q_totall,0,".",",") : "-";
                $dam_o_now1 = ($row[dam_o_now] != "") ? $row[dam_o_now] : "-"; //ระบายลงบม./วิ
                if ($dam_o_now1 != "-") $dam_o1 = round($dam_o_now1 * 11.57); // ระบายลงบม.
            }
        }
        if ($row[dam_id] == 2) { //สิริกิต
            $dam_f_now2 = ($row[dam_f_now] != "") ? number_format(round($row[dam_f_now]),0,".",",") : "-";

```

```

// $dam_q_total2 = $supper2 - ($min2 + $row[dam_q_total]); //ใช้การได้
$dam_q_total2 = $row[dam_q_now];
// $pp2 = $supper2 - ($min2 + $row[dam_q_total]); //ใช้การได้
// $p2 = number_format(($pp2 * 100) / ($supper2 - $min2), 0, ".", ""); //ใช้การได้
$p2 = number_format((($dam_q_total2 * 100) / $supper2), 0, ".", "");
$dam_q_total2 = ($dam_q_total2 != "") ? number_format($dam_q_total2, 0, ".", "") : "-";
$dam_o_now2 = ($row[dam_o_now] != "") ? $row[dam_o_now] : "-";
if ($dam_o_now2 != "-") $dam_o2 = round($dam_o_now2 * 11.57);
}
if ($row[dam_id] == 19) { //น้ำสัด
    $dam_f_now19 = ($row[dam_f_now] != "") ? number_format($row[dam_f_now], 2, ".", "") : "-";
    // $dam_q_total19 = $supper19 - ($min19 + $row[dam_q_total]); //ใช้การได้
    $dam_q_total19 = $row[dam_q_now]; //น้ำในอ่างทั้งหมด
    $dam_q_total19 = ($dam_q_total19 != "") ? number_format($dam_q_total19, 0, ".", "") : "-";
    $dam_o_now19 = ($row[dam_o_now] != "") ? number_format(round($row[dam_o_now] *
11.57), 0, ".", "") : "-";
}
}
}
#####
if ($q1 != "-") { $a = split("/", $sdate); $edate = $a[0] . "/" . $a[1] . "/" . ($a[2]-4); //ปริมาณน้ำตามธรรมชาติ
    $sql = "select * from d_dam where d_dam_date = '$edate' ";
    //echo "$sql<br>";
    $rs = @pg_exec($conn, $sql);
    if ($rs) { $numr = pg_numrows($rs); //ภูมิพล (ย้อนหลัง 4 วัน) - สิริกิตร์ (ย้อนหลัง 4 วัน)
        for ($i=0; $i<$numr; $i++) { $row = pg_fetch_array($rs, $i);
            if ($row[dam_id] == 1) $do1 = ($row[dam_o_now] * pow(10, 6)) / 24 / 60 / 60; // ภูมิพล
            if ($row[dam_id] == 2) $do2 = ($row[dam_o_now] * pow(10, 6)) / 24 / 60 / 60; // สิริกิตร์
        } $n = roundall($q1 - $do1 - $do2);
        $n = ($n == "") ? "-" : $n;
    }
}
#####
//bma ระดับน้ำนอกคันกั้นน้ำเมื่อวานนี้ จากวันที่มีข้อมูล ค่าสูงสุด ค่าสุด สถานสถานีสูบน้ำคลองบางเขนใหม่ E08 และสถานีสูบน้ำคลองบางอ้อ E30
$conn_bma = pg_connect("host=dbms port=5432 user=guest password=**** dbname=bma");
if (!$conn_bma) error_log("Unable to open while processing ");
$date = split("/", $sdate); //Ymd หากเมื่อวานนี้ จากวันที่มีข้อมูล

```

```

$pd = Date_Calc::prevDay($date[2],$date[1],$date[0]); //date,month,year
$prdate =substr($pd,6,2); $prmonth = substr($pd,4,2); $pryear = substr($pd,0,4); // for bma data
$pd_date = "๗". $prdate . "/" . $prmonth . "/" . substr($pryear,2,2); // yesterday for dam data

$rsq1 = "select max(msl_out),min(msl_out) from station_data where date =" . $pryear = substr($pd,0,4) . "/" . $prmonth .
"/" . $prdate .
" and code = 'E08' "; $r_rs = @pg_exec($conn_bma, $rsq1); $plmax08 = @pg_result($r_rs,0,0); $plmin08 =
@pg_result($r_rs,0,1);
$rsq1 = "select max(msl_out),min(msl_out) from station_data where date =" . $pryear = substr($pd,0,4) . "/" . $prmonth .
"/" . $prdate .
" and code = 'E30' "; $r_rs = @pg_exec($conn_bma, $rsq1); $plmax30 = @pg_result($r_rs,0,0); $plmin30 =
@pg_result($r_rs,0,1);
//ระดับน้ำนอกคันกั้นน้ำและ ในคันกั้นนั้น ขณะนี้ สถานีสูบน้ำคลองบางขนไหม E08
$bma_date =date("Y/m/d"); $b_date =split("",$bma_date); //current date
$c_date = $b_date[2].".".$b_date[1].".".$b_date[0].substr($b_date[0],2,2); //current date

$time =date("H:i");
$rsq1 = "select msl_out,msl_in from station_data where date ='$bma_date' and substring(time from 0 for 6) = '$time' and
code = 'E08' ";
$r_rs = @pg_exec($conn_bma, $rsq1); $num = pg_numrows($r_rs); // ถ้าเวลานี้ไม่มีข้อมูลไปหาเวลาล่าสุดที่มีข้อมูลมาแสดง
if ($num <=0){
    $rsq1 ="select max(time)from station_data where date ='$bma_date' and code ='E08'"; //find laster time in current date
    $rs =@pg_exec($conn_bma, $rsq1); $ltime =substr(@pg_result($rs,0,0),0,5);
    $rsq1 ="select msl_out,msl_in,substring(time from 0 for 6) from station_data where date ='$bma_date' and
substring(time from 0 for 6) = '$ltime' and code = 'E08' ";
    $r_rs = @pg_exec($conn_bma, $rsq1);
}
$c1out08 = @pg_result($r_rs,0,0); $c1in08 = @pg_result($r_rs,0,1); $time08 = @pg_result($r_rs,0,2);
//สถานีสูบน้ำคลองบางอีต E30
$rsq1 = "select msl_out,msl_in from station_data where date ='$bma_date' and substring(time from 0 for 6) = '$time' and
code = 'E30' ";
$r_rs = @pg_exec($conn_bma, $rsq1); $num = pg_numrows($r_rs);
if ($num <= 0) {
    $rsq1 = "select max(time) from station_data where date ='$bma_date' and code = 'E30'"; // find laster time in
current date
    $rs = @pg_exec($conn_bma, $rsq1); $ltime = substr(@pg_result($rs,0,0),0,5);
    $rsq1 = "select msl_out,msl_in,substring(time from 0 for 6) from station_data where date ='$bma_date' and
substring(time from 0 for 6) = '$ltime' and code = 'E30' ";

```

```

        $r_rs = @pg_exec($conn_bma, $rsq1);
    }
    $clout30 = @pg_result($r_rs,0,0); $clin30 = @pg_result($r_rs,0,1); $time30 = @pg_result($r_rs,0,2);
#####
//storm ปริมาณน้ำฝนสะสมรายวันเฉลี่ยเหนือเขื่อนสิริกิติ์
$conn_storm = pg_connect("host=dbms port=5432 user=guest password=**** dbname=storm");
if (!$conn_storm) error_log("Unable to open while processing ");
$rsq1 = "select avg(rainfall_24hr) from weather_daily where date = '$sdate' and
        (code=351201 or code=330201 or code=331201 or code=3313011 or code=331401 or code=9999901)";
// echo "$rsq1<br>";
$r_rs = @pg_exec($conn_storm, $rsq1); $avg1 = (@pg_result($r_rs,0,0) != "") ?
number_format(@pg_result($r_rs,0,0),0,".",",") : "-";
//storm ปริมาณน้ำฝนสะสมรายวันเฉลี่ยเหนือเขื่อนภูมิพล
$rsq1 = "select avg(rainfall_24hr) from weather_daily where date = '$sdate' and
        (code=328201 or code=3283011 or code=3273011 or code=329201 or code=327501 or code=310201 or code=303201
        or code=3033011)";
$r_rs = @pg_exec($conn_storm, $rsq1); $avg2 = (@pg_result($r_rs,0,0) != "") ?
number_format(@pg_result($r_rs,0,0),0,".",",") : "-";
#####
//storm ปริมาณน้ำฝนสะสมรายวันเฉลี่ยปทุมธานี
$rsq1 = "select avg(rainfall_24hr) from weather_daily where date = '$sdate' and
        (code=9999905 or code=455201 or code=429201 or code=455203 or code=455801 or code=4553013)";
$r_rs = @pg_exec($conn_storm, $rsq1); $arf1 = (@pg_result($r_rs,0,0) != "") ?
number_format(@pg_result($r_rs,0,0),0,".",",") : "-";

//storm ปริมาณน้ำฝนสะสมรายวันเฉลี่ย
$rsq1 = "select avg(rainfall_24hr) from weather_daily where date = '$sdate' and
        (code=4003013 or code=4023013 or code=426201)";
$r_rs = @pg_exec($conn_storm, $rsq1); $arf2 = (@pg_result($r_rs,0,0) != "") ?
number_format(@pg_result($r_rs,0,0),0,".",",") : "-";

//storm ปริมาณน้ำฝนสะสมรายวันเฉลี่ย
$rsq1 = "select avg(rainfall_24hr) from weather_daily where date = '$sdate' and
        (code=3733011 or code=9999902 or code=378201 or code=3863011 or code=400201)";
$r_rs = @pg_exec($conn_storm, $rsq1); $arf3 = (@pg_result($r_rs,0,0) != "") ?
number_format(@pg_result($r_rs,0,0),0,".",",") : "-";

//storm ปริมาณน้ำฝนสะสมรายวันเฉลี่ย
$rsq1 = "select avg(rainfall_24hr) from weather_daily where date = '$sdate' and

```

```

        (code=450201 or code=4253013 or code=4513013)";
        $r_sql = @pg_exec($conn_storm, $r_sql); $arf4 = (@pg_result($r_rs,0,0) != "") ?
number_format(@pg_result($r_rs,0,0),0,".",",") : "-";

        //storm ปริมาณน้ำฝนสะสมรายวันเฉลี่ย
        $r_sql = "select avg(rainfall_24hr) from weather_daily where date = '$sdate' and
        (code=425201)";
        $r_rs = @pg_exec($conn_storm, $r_sql); $arf5 = (@pg_result($r_rs,0,0) != "") ?
number_format(@pg_result($r_rs,0,0),0,".",",") : "-";

        //storm ปริมาณน้ำฝนสะสมรายวันเฉลี่ย
        $r_sql = "select avg(rainfall_24hr) from weather_daily where date = '$sdate' and
        (code=376201 or code=380201)";
        $r_rs = @pg_exec($conn_storm, $r_sql); $arf6 = (@pg_result($r_rs,0,0) != "") ?
number_format(@pg_result($r_rs,0,0),0,".",",") : "-";
        pgclose($conn);
    ?>
<DIV id=station STYLE='position: absolute; top: 60px; left: 0px; visibility: visible'>
    <img src='ch1.gif' border='0' width=650 height=900>
    <div id="Layer39" style="position:absolute; left:100 px; top:25 px; width:1000px; height:13px; z-index:39">
        <?="<font color=black><b>ฝนสะสมรายวันเฉลี่ยเหนือเขื่อนภูมิพล</font> $avg2 <font color=black>mm.</font></b>" ?></div>
    <div id="Layer40" style="position:absolute; left:340 px; top:25 px; width:1000px; height:13px; z-index:40">
        <?="<font color=black><b>ฝนสะสมรายวันเฉลี่ยเหนือเขื่อนสิริกิติ์</font> $avg1 <font color=black>mm.</font></b>" ?></div>

    <div id="Layer58" style="position:absolute; left:240 px; top:68 px; width:81px; height:13px; z-index:1">
        <?=" $p_date ?></div><!-- วันที่ ภูมิพล -->
    <div id="Layer59" style="position:absolute; left:463 px; top:68 px; width:81px; height:13px; z-index:1">
        <?=" $p_date ?></div><!-- วันที่ สิริกิติ์ -->

    <div id="Layer1" style="position:absolute; left:180px; top:87px; width:81px; height:13px; z-index:1">
        <?=" $dam_f_now1 ?></div><!-- น้ำไหล ภูมิพล -->
    <div id="Layer2" style="position:absolute; left:200px; top:102px; width:63px; height:16px; z-index:2">
        <?=" $dam_q_total1 ?> </div><!-- ใช้การได้ภู -->
    <div id="Layer2" style="position:absolute; left:277px; top:102px; width:63px; height:16px; z-index:2">
        <?=" ($. $p1. "%)" ?> </div><!-- % -->
    <div id="Layer3" style="position:absolute; left:170px; top:115px; width:101px; height:19px; z-index:3">
        <?=" $dam_o1 ?></div><!-- ระบายภู -->
    <div id="Layer37" style="position:absolute; left:240px; top:115px; width:101px; height:19px; z-index:37">

```

```

    <?=$dam_o_now1 ?></div><!-- ระบายภู -->
<div id="Layer4" style="position:absolute; left:430px; top:83px; width:84px; height:18px; z-index:4">
    <?=$dam_f_now2 ?></div><!-- อ่างสิริ -->
<div id="Layer5" style="position:absolute; left:430px; top:100px; width:60px; height:19px; z-index:5">
    <?=$dam_q_total2 ?></div><!-- ไร่สิริ -->
<div id="Layer5" style="position:absolute; left:503px; top:100px; width:60px; height:19px; z-index:5">
    <?="(. $p2. "%)" ?> </div><!-- % -->
<div id="Layer6" style="position:absolute; left:390px; top:113px; width:103px; height:15px; z-index:6">
    <?=$dam_o2 ?></div><!-- ระบายสิริ -->
<div id="Layer38" style="position:absolute; left:465px; top:113px; width:103px; height:15px; z-index:38">
    <?=$dam_o_now2 ?></div><!-- ระบายสิริ -->
<div id="Layer7" style="position:absolute; left:165px; top:224px; width:52px; height:19px; z-index:7">
    <?=$n ?></div><!-- ปริมาณน้ำตามธรรมชาติ -->
<div id="Layer8" style="position:absolute; left:302 px; top:245px; width:23px; height:16px; z-index:8">
    <?=$q1 ?></div><!-- นครสวรรค์ -->
<div id="Layer9" style="position:absolute; left:430px; top:222px; width:56px; height:15px; z-index:9">
    <?=$q48 ?></div><!-- พิชญ -->
<div id="Layer10" style="position:absolute; left:193px; top:282px; width:44px; height:13px; z-index:10">
    <?=$q26 ?></div><!-- มะขามเฒ่า -->
<div id="Layer11" style="position:absolute; left:425px; top:280px; width:40px; height:16px; z-index:11">
    <?=$q5 ?></div><!-- มโนรมย์ -->
<div id="Layer12" style="position:absolute; left:195px; top:330px; width:44px; height:16px; z-index:12">
    <?=$q27 ?></div><!-- พลเทพ -->
<div id="Layer13" style="position:absolute; left:422 px; top:335px; width:42px; height:17px; z-index:13">
    <?=$q46 ?></div><!-- เขาคลอง -->
<div id="Layer14" style="position:absolute; left:195px; top:388px; width:40px; height:16px; z-index:14">
    <?=$q40 ?></div><!-- บรรมาตุ -->
<div id="Layer15" style="position:absolute; left:425 px; top:388 px; width:40px; height:18px; visibility: visible">
    <?=$q25 ?></div><!-- มหาราช -->
<div id="Layer16" style="position:absolute; left:310px; top:438 px; width:61px; height:17px; visibility: visible">
    <?=$l12 ?></div><!-- เจ้าพระยา ระบายท้ายเขื่อน -->
<div id="Layer17" style="position:absolute; left:310 px; top:454 px; width:63px; height:15px; visibility: visible">
    <?=$q2 ?></div><!-- เจ้าพระยา ระบายเหนือเขื่อน -->
<div id="Layer18" style="position:absolute; left:475px; top:442px; width:46px; height:16px; visibility: visible">
    <?=$q8 ?></div><!-- เจริญ -->
<div id="Layer19" style="position:absolute; left:544px; top:489 px; width:45px; height:18px; visibility: visible">

```

```

    <?= $dam_f_now19 ?></div><!-- ป่าสัก-->
<div id="Layer20" style="position:absolute; left:554px; top:515 px; width:48px; height:15px; z-index:20">
    <?= $dam_q_total19 ?></div><!-- ป่าสัก1-->
<div id="Layer21" style="position:absolute; left:548 px; top:544px; width:43px; height:21px; z-index:21">
    <?= $dam_o_now19 ?></div><!-- ป่าสัก2-->
<div id="Layer22" style="position:absolute; left:212 px; top:505px; width:35px; height:15px; z-index:22">
    <?= $q43 ?></div><!-- คัดไฟ-->
<div id="Layer23" style="position:absolute; left:200px; top:564px; width:42px; height:14px; z-index:23">
    <?= $q44 ?></div><!-- เจ้าเจ็ด-->
<div id="Layer24" style="position:absolute; left:90 px; top:632px; width:42px; height:18px; z-index:24">
    <?= $q30 ?></div><!-- โพธิ์พระยา-->
<div id="Layer25" style="position:absolute; left:212px; top:634px; width:44px; height:17px; z-index:25">
    <?= $q32 ?></div><!-- โพธิ์กอย-->
<div id="Layer26" style="position:absolute; left:438px; top:506px; width:42px; height:22px; z-index:27">
    <?= $19 ?></div><!-- ราม6 ระดับน้ำหน้าเขื่อน-->
<div id="Layer27" style="position:absolute; left:441px; top:520px; width:45px; height:19px; z-index:26">
    <?= $q9 ?></div><!-- ราม6 ระบายท้ายเขื่อน-->
<div id="Layer28" style="position:absolute; left:480px; top:562 px; width:43px; height:16px; z-index:28">
    <?= $q10 ?></div><!-- พระนารายณ์-->
<div id="Layer29" style="position:absolute; left:450px; top:610px; width:43px; height:19px; z-index:29">
    <?= $q12 ?></div><!-- พระศรีศิลป์-->
<div id="Layer30" style="position:absolute; left:522px; top:660px; width:40px; height:19px; z-index:30">
    <?= $q13 ?></div><!-- พระศรี-->
<div id="Layer31" style="position:absolute; left:527px; top:712px; width:40px; height:20px; z-index:31">
    <?= $q15 ?></div><!-- ไซฟ่อน-->
<div id="Layer32" style="position:absolute; left:525px; top:768px; width:40px; height:17px; z-index:32">
    <?= $q16 ?></div><!-- ปลายคลอง-->
<div id="Layer33" style="position:absolute; left:558 px; top:832 px; width:40px; height:17px; z-index:33">
    <?= "-" ?></div><!-- บางปะกง-->
<div id="Layer34" style="position:absolute; left:393 px; top:750 px; width:42px; height:16px; z-index:34">
    <?= "-" ?></div><!-- สะพาน-->
<div id="Layer35" style="position:absolute; left:110 px; top:804 px; width:58px; height:20px; z-index:35">
    <?= "-" ?></div><!-- ทำเงิน-->
<div id="Layer36" style="position:absolute; left:70 px; top:720px; width:60px; height:20px; z-index:36">
    <?= $q47 ?></div><!-- แม่กลอง-->
<!-- สถานีสูบน้ำคลองบางขนใหม่-->

```

```

<div id="Layer41" style="position:absolute; left:360px; top:672px; width:29px; height:13px; z-index:1">
<?= $plmax08 ?></div>
<div id="Layer42" style="position:absolute; left:430px; top:672px; width:43px; height:15px; z-index:2">
<?= $plmin08 ?></div>
<div id="Layer43" style="position:absolute; left:366px; top:700px; width:37px; height:13px; z-index:3">
<?= $clout08 ?></div>
<div id="Layer44" style="position:absolute; left:430px; top:700px; width:49px; height:15px; z-index:4">
<?= $clin08 ?></div>
<div id="Layer55" style="position:absolute; left:420px; top:687px; width:100px; height:15px; z-index:55">
<?= $c_date . " " . $time08 ?></div>

<!-- สถานีสูบน้ำคลองบางอี-->
<div id="Layer45" style="position:absolute; left:366px; top:818px; width:27px; height:14px; z-index:5">
<?= $plmax30 ?></div>
<div id="Layer46" style="position:absolute; left:434px; top:818px; width:40px; height:10px; z-index:6">
<?= $plmin30 ?></div>
<div id="Layer47" style="position:absolute; left:366px; top:847px; width:36px; height:11px; z-index:7">
<?= $clout30 ?></div>
<div id="Layer48" style="position:absolute; left:432px; top:847px; width:49px; height:12px; z-index:8">
<?= $clin30 ?></div>
<div id="Layer56" style="position:absolute; left:420px; top:834px; width:100px; height:15px; z-index:4">
<?= $c_date . " " . $time30 ?></div>

<!-- ปริมาณฝนเฉลี่ย-->
<div id="Layer49" style="position:absolute; left:618 px; top:578 px; width:43px; height:16px; z-index:49">
<b><?= $arf1 ?></font></div>
<div id="Layer50" style="position:absolute; left:618px; top:242px; width:72px; height:17px; z-index:1">
<?= $arf2 ?></div>
<div id="Layer51" style="position:absolute; left:618px; top:115px; width:57px; height:16px; z-index:2">
<?= $arf3 ?></div>
<div id="Layer52" style="position:absolute; left:35px; top:575px; width:54px; height:11px; z-index:3">
<?= $arf4 ?></div>
<div id="Layer53" style="position:absolute; left:35px; top:250px; width:53px; height:15px; z-index:4">
<?= $arf5 ?></div>
<div id="Layer54" style="position:absolute; left:35px; top:122px; width:57px; height:15px; z-index:5">
<?= $arf6 ?></div>

<br>ที่มา : ศูนย์ปฏิบัติการจัดสรรน้ำ สำนักชลประทานและบริหารน้ำ กรมชลประทาน
</div>
</body>
</html>
*****

```

```

ชื่อโปรแกรม : rid_pk.php
คำอธิบาย : รายงานข้อมูลปริมาณน้ำฝน ระดับน้ำ จากสถานีตรวจวัดในลุ่มน้ำป่าสัก โดยแสดงข้อมูลปัจจุบัน
*****
<?
#####
# NECTEC -- High Performance Computing Research and Development Division --
#
# VERSION: 1
# PROJECT: TIWRM
# FILENAME: rid_pk.html
# AUTHOR(S): Thitiporn Meeprasert
# PURPOSE: show image rainfall and water level in pasak basin
#
# CMD LINE ARG: none
# INPUT:
# OUTPUT:
# DATE CREATED:
# HISTORY:
#
#####
# ***** Main Script *****
#####
#
# GLOBAL VARS:
# MODIFIED:
#
#####
include "config.php";
?>
<html>
<head>
<title>ข้อมูลปริมาณน้ำฝน ระดับน้ำ จากสถานีตรวจวัดในลุ่มน้ำป่าสัก</title>
<style type="text/css">
<!--
body { font-family: Ms Sans Serif, CordiaUPC;font-size: 16pt;}
td { font-family: Ms Sans Serif, CordiaUPC; font-size: 8pt;}
.dadd { font-family: Ms Sans Serif, CordiaUPC; font-size: 8pt;}
.big { font-family: Ms Sans Serif, CordiaUPC;font-size: 12pt;}
-->
</style>

```

```

<META name='Author' content='<?=$author ?>'><META name='Author' content='<?=$author1 ?>'>
<META NAME='description' CONTENT=''>
<META NAME='keywords' CONTENT=''>
<META http-equiv='Content-Type' content='text/html; charset=TIS-620'>
<script>
    var LastWindowMenu = "";
    function closewin() {
        if (LastWindowMenu != "") {
            if (eval("self." + LastWindowMenu)) {
                if (!(eval("self." + LastWindowMenu + ".closed")))
                    { eval ("self." + LastWindowMenu + ".close()"); }
            }
        }
    }
    function popup(station,sta) {
        // function popup(thisWidth,thisHeight,thisDocument,thisWindowName,thistop,thisleft,xsc) {
        // exam :
        popup("790","560","s_lookup.php?show="+show+"&print1="+print1+"&order1="+order1+"&order2="+order2+"&id1="+id1+"&id2="+id2
        +"&mnu="+mnu,"nwin_lookup","0","0","yes");
        closewin();
        var windowtools = "toolbar=0,location=0,directories=0,status=no,resizable=yes,alwaysRaised=1,";
        var thisWidth = "700"; var thisHeight="500";
        var thisDocument = "rid_pk_mgraph.php?station="+station+'&sta='+sta;
        var thisWindowName = "mgraph";
        var thistop = "100"; var thisleft = "150";
        eval(thisWindowName + " = window.open(thisDocument,\"\" + thisWindowName + \"\", \"\" + windowtools +
        \"scrollbars=auto\"+\",width=\" + thisWidth + \",height=\" + thisHeight +
        \",top=\"+thistop+\",left=\"+thisleft+\",screeny=25,screenx=50\\\")");
        LastWindowMenu = thisWindowName;
    }
    function.opengraph(station,sta) {
        myWin=open('rid_pk_mgraph.php?station='+station+'&sta='+sta,'_blank','width=700,height=500,status=no,toolbar=no,menubar=yes,
        resizable=yes,scrollbars=yes');
        myWin.focus();
    }
</script>
</head>
<meta http-equiv="Refresh" content="1200; url=rid_pk.php">
<?// this page will refresh every 20 minute after load this page content="second;

```

```

$conn = pg_open();
// rainfall
$sql = "select max(odate), max(ontime) from rid_pkrfdaily where ontime IN (select ontime from rid_pkrfdaily where odate
= (select max(odate) from rid_pkrfdaily))";
$rs = pg_Exec($conn, $sql) or die("couldn't execute query"); $num = pg_NumRows($rs);
$row = pg_fetch_row($rs, 0); $rdate = $row[0]; $rtime = $row[1];
//water level
$sql = "select max(odate), max(ontime) from rid_pkwrddaily where ontime IN (select ontime from rid_pkwrddaily where odate
= (select max(odate) from rid_pkwrddaily))";
$rs = pg_Exec($conn, $sql) or die("couldn't execute query");
$row = pg_fetch_row($rs, 0); $wdate = $row[0]; $wtime = $row[1];

if ($rdate == $wdate ) { $date = $rdate;
    if ($rtime == $wtime) $time = $rtime;
    if ($rtime > $wtime) $time = $rtime;
    else $time = $wtime;
}
elseif ($rdate > $wdate) { $date = $rdate; $time = $rtime; }
else { $date = $wdate; $time = $wtime; }

// rainfall
$sql = "SELECT odate,substring(ontime from 0 for 6) as
ontime,strf01,strf02,strf03,strf04,strf05,strf06,strf07,strf08,strf09,strf10,strf14 from rid_pkrfdaily where odate = '$date' and
ontime = '$time' " ;
$rs = pg_Exec($conn, $sql) or die("couldn't execute query"); $num = pg_NumRows($rs);
if (($rs) && ($num > 0)) { $row = pg_fetch_array($rs, 0); $arr = explode("-", $row[odate]);
    $ddate = (substr($arr[2],0,1) == 0 ? substr($arr[2],1,1) : substr($arr[2],0,2)) . " " . $tmmonth[$arr[1]-1] . " " .
($arr[0] + 543) . " " . $row[ontime];
    $r1 = ($row[strf01] == "") ? "-" : $row[strf01]; $r2 = ($row[strf02] == "") ? "-" : $row[strf02];
    $r3 = ($row[strf03] == "") ? "-" : $row[strf03]; $r4 = ($row[strf04] == "") ? "-" : $row[strf04];
    $r5 = ($row[strf05] == "") ? "-" : $row[strf05]; $r6 = ($row[strf06] == "") ? "-" : $row[strf06];
    $r7 = ($row[strf07] == "") ? "-" : $row[strf07]; $r8 = ($row[strf08] == "") ? "-" : $row[strf08];
    $r9 = ($row[strf09] == "") ? "-" : $row[strf09]; $r10 = ($row[strf10] == "") ? "-" : $row[strf10];
    $r14 = ($row[strf14] == "") ? "-" : $row[strf14];
}
else { $r1 = "-"; $r2 = "-"; $r3 = "-"; $r4 = "-"; $r5 = "-"; $r6 = "-"; $r7 = "-"; $r8 = "-"; $r9 = "-"; $r10 =
"-"; $r14 = "-"; }
// water level

```



```
</div>
<!-- ลำสนธิ -->
<div id="Layer14" style="position:absolute; left:676px; top:172px; width:86px; height:24px; z-index:14">
    <div align="right"><?=$r8 ?></div></div>
<div id="Layer15" style="position:absolute; left:678px; top:202px; width:84px; height:21px; z-index:15">
    <div align="right"><?=$w8 ?></div></div>
<div id="Layer32" style="position:absolute; left:565px; top:222px; width:1000px; height:22px; z-index:32">
    <?="$<font class=dadd color=purple>ระดับคลัง (รทก.) ช้าย<font color=maroon> 69.34 <font color=purple>
ม.&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&~<font color=maroon> 63.38 <font color=purple> ม.</font></font></font></font></font>" ?>
</div>
<!-- เชื้อพระราม 6 -->
<div id="Layer16" style="position:absolute; left:674px; top:278px; width:87px; height:24px; z-index:16">
    <div align="right"><?=$r9 ?></div></div>
<div id="Layer17" style="position:absolute; left:679px; top:308px; width:84px; height:23px; z-index:17">
    <div align="right"><?="-" ?></div></div><!-- $w9 -->
<div id="Layer33" style="position:absolute; left:565px; top:326px; width:1000px; height:22px; z-index:33">
    <?="$<font class=dadd color=purple>ระดับคลัง (รทก.) ช้าย<font color=maroon> 11.04 <font color=purple>
ม.&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&~<font color=maroon> 12.08 <font color=purple> ม.</font></font></font></font></font>" ?>
</div>
<!-- เหนือเขื่อนป่าสัก -->
<div id="Layer18" style="position:absolute; left:677px; top:380px; width:84px; height:23px; z-index:18">
    <div align="right"><?=$r10 ?></div></div>
<div id="Layer19" style="position:absolute; left:678px; top:410px; width:85px; height:20px; z-index:19">
    <div align="right"><?=$w10 ?></div></div>
<div id="Layer34" style="position:absolute; left:565px; top:429px; width:1000px; height:22px; z-index:34">
    <?="$<font class=dadd color=purple>ระดับเก็บตักสูงสุด <font color=maroon> 43 <font color=purple>
ม.</font></font></font>" ?>
</div>

<!-- พายเขื่อนป่าสัก -->
<div id="Layer20" style="position:absolute; left:676px; top:482px; width:84px; height:25px; z-index:20">
    <div align="right"><?=$w11 ?></div></div>
<div id="Layer35" style="position:absolute; left:565px; top:502px; width:1000px; height:22px; z-index:35">
    <?="$<font class=dadd color=purple>ระดับคลัง (รทก.) ช้าย<font color=maroon> 30.06 <font color=purple>
ม.&nbsp;&nbsp;&nbsp;&nbsp;&~<font color=maroon> 30.36 <font color=purple> ม.</font></font></font></font></font>" ?>
</div>
<!-- เสาไฟ -->
```



```

<area shape="rect" coords="465,449,477,473" href="javascript:popup('9','สถานีปร.ลำสนธิ');" alt="สถานีปร.ลำสนธิ" title="m8">
<area shape="rect" coords="416,521,441,534" href="javascript:popup('10','สถานีเหนือเขื่อนป่าสัก');" alt="สถานีเหนือเขื่อนป่าสัก" title="สถานีเหนือเขื่อนป่าสัก">
<area shape="rect" coords="415,537,444,547" href="javascript:popup('11','สถานีท้ายเขื่อนป่าสัก');" alt="สถานีท้ายเขื่อนป่าสัก" title="สถานีท้ายเขื่อนป่าสัก">
<area shape="rect" coords="380,587,396,604" href="javascript:popup('14','ชลประทานเสาไห้');" alt="ชลประทานเสาไห้" title="ชลประทานเสาไห้">
<area shape="rect" coords="804,621,835,650" href="javascript:window.location.reload()" alt="Refresh" title="Refresh">

<area shape="rect" coords="237,34,266,59" href="#" alt="สถานีหล่มเก่า" title="สถานีหล่มเก่า"
onclick="window.open('rid_pk_sta.php?pic_name=TS1.jpg&sta_name=สถานีหล่ม
เก่า(TS1)','_blank','width=650,height=450,status=no,toolbar=no,menubar=yes,resizable=yes,scrollbars=yes,top=100,left=150')">
<area shape="rect" coords="238,144,266,171" href="#" alt="สถานีหล่มสัก" title="สถานีหล่มสัก"
onclick="window.open('rid_pk_sta.php?pic_name=TS2.jpg&sta_name=สถานีหล่ม
สัก(TS2)','_blank','width=650,height=450,status=no,toolbar=no,menubar=yes,resizable=yes,scrollbars=yes,top=100,left=150')">
<area shape="rect" coords="236,252,266,282" href="#" alt="สถานีเขื่อนห้วยป่าแดง" title="สถานีเขื่อนห้วยป่าแดง"
onclick="window.open('rid_pk_sta.php?pic_name=TS3.jpg&sta_name=สถานีเขื่อนห้วยป่า
แดง(TS3)','_blank','width=650,height=450,status=no,toolbar=no,menubar=yes,resizable=yes,scrollbars=yes,top=100,left=150')">
<area shape="rect" coords="241,333,266,360" href="#" alt="สถานีเพชรบุรี" title="สถานีเพชรบุรี"
onclick="window.open('rid_pk_sta.php?pic_name=TS4.jpg&sta_name=สถานี
เพชรบุรี(TS4)','_blank','width=650,height=450,status=no,toolbar=no,menubar=yes,resizable=yes,scrollbars=yes,top=100,left=150')">
<area shape="rect" coords="236,441,264,472" href="#" alt="สถานีหนองไผ่" title="สถานีหนองไผ่"
onclick="window.open('rid_pk_sta.php?pic_name=TS5.jpg&sta_name=สถานีหนอง
ไผ่(TS5)','_blank','width=650,height=450,status=no,toolbar=no,menubar=yes,resizable=yes,scrollbars=yes,top=100,left=150')">
<area shape="rect" coords="238,553,266,583" href="#" alt="สถานีวิเชียรบุรี" title="สถานีวิเชียรบุรี"
onclick="window.open('rid_pk_sta.php?pic_name=TS6.jpg&sta_name=สถานีวิเชียรบุรี(
TS6)','_blank','width=650,height=450,status=no,toolbar=no,menubar=yes,resizable=yes,scrollbars=yes,top=100,left=150')">
<area shape="rect" coords="776,35,804,62" href="#" alt="สถานีบัวชุม" title="สถานีบัวชุม"
onclick="window.open('rid_pk_sta.php?pic_name=TS7.jpg&sta_name=สถานีบัว
ชุม(TS7)','_blank','width=650,height=450,status=no,toolbar=no,menubar=yes,resizable=yes,scrollbars=yes,top=100,left=150')">
<area shape="rect" coords="776,133,802,166" href="#" alt="สถานีปร.ลำสนธิ" title="สถานีปร.ลำสนธิ"
onclick="window.open('rid_pk_sta.php?pic_name=TS8.jpg&sta_name=สถานีปร.ลำ
สนธิ(TS8)','_blank','width=650,height=450,status=no,toolbar=no,menubar=yes,resizable=yes,scrollbars=yes,top=100,left=150')">
<area shape="rect" coords="773,237,803,263" href="#" alt="สถานีเขื่อนพระราม 6" title="สถานีเขื่อนพระราม 6"
onclick="window.open('rid_pk_sta.php?pic_name=TS9.jpg&sta_name=สถานีเขื่อนพระราม
6(TS9)','_blank','width=650,height=450,status=no,toolbar=no,menubar=yes,resizable=yes,scrollbars=yes,top=100,left=150')">

```

```

<area shape="rect" coords="772,341,804,372" href="#" alt="สถานีเหนือเขื่อนป่าสัก" title="สถานีเหนือเขื่อนป่าสัก"
onclick="window.open('rid_pk_sta.php?pic_name=TS10.jpg&sta_name=สถานีเหนือเขื่อนป่า
สัก(TS10)', '_blank', 'width=650,height=450,status=no,toolbar=no,menubar=yes,resizable=yes,scrollbars=yes,top=100,left=150')">
<area shape="rect" coords="775,444,803,474" href="#" alt="สถานีท้ายเขื่อนป่าสัก" title="สถานีท้ายเขื่อนป่าสัก"
onclick="window.open('rid_pk_sta.php?pic_name=TS11.jpg&sta_name=สถานีท้ายเขื่อนป่า
สัก(TS11)', '_blank', 'width=650,height=450,status=no,toolbar=no,menubar=yes,resizable=yes,scrollbars=yes,top=100,left=150')">
<area shape="rect" coords="772,515,802,544" href="#" alt="ชลประทานเสาไห้" title="ชลประทานเสาไห้"
onclick="window.open('rid_pk_sta.php?pic_name=TS14.jpg&sta_name=ชลประทานเสา
ไห้(TS14)', '_blank', 'width=650,height=450,status=no,toolbar=no,menubar=yes,resizable=yes,scrollbars=yes,top=100,left=150')">
</map>
</body>
</html>
*****

```

```

ชื่อโปรแกรม : rid_pk_graph.php
คำอธิบาย : กราฟข้อมูลปริมาณน้ำฝน ระดับน้ำ จากสถานีตรวจวัดในลุ่มน้ำป่าสัก โปรแกรมจะค้นหาข้อมูลปริมาณน้ำฝน ระดับน้ำตามสถานีตรวจวัด ช่วงเวลาที่ต้องการดูข้อมูล และแสดงรายงานเป็นกราฟเส้น
*****
<?
#####
# nectec -- high performance computing research and development division --
#
# version: 1
# project: tiwrm
# filename: rid_pk_graph.php
# author(s): thitiporn meeprasert
# purpose: line graph rainfall and water level in pasak basin report report
#
# cmd line arg: none
# input:
# output:
# date created:
# history:
#
#####
# ***** main script *****
#####
#
# global vars:
# modified:
#
#####
include "config.php";
?>
<html>
<head>
<title>กราฟข้อมูลปริมาณน้ำฝน ระดับน้ำ จากสถานีตรวจวัดในลุ่มน้ำป่าสัก</title>
<META name='Author' content='<?= $author ?>'><META name='Author' content='<?= $author1 ?>'>
<META NAME='description' CONTENT=''>
<META NAME='keywords' CONTENT=''>
<META http-equiv='Content-Type' content='text/html; charset=TIS-620'>
<LINK rel=STYLESHEET href="/stylesheet/reportstyle.css" type="text/css" title="mainstyle">
</head>
<body>
<center>

```

```

<?      $conn = pg_open(); $xsta = split(",", $ssta);
      $sname= "(1) ส.หล่มเก่า, (2) ส.หล่มสัก, (3) ส.เขื่อนห้วยป่าแดง, (4) ส.เพชรบูรณ์, (5) ส.หนองไผ่, (6) ส.วิเชียรบุรี, (7) ส.บ้านหมี่, (8) ส.ปศุสัตว์, (9) ส.เขื่อนพระราม 6, (10) ส.เหนือ
เขื่อนป่าสัก, (11) ส.ท้ายเขื่อนป่าสัก, , , (14) ส.ชลประทานเสนาให้";
      $uname = split(",", $sname); $cxsta = count($xsta)-1; $xsta = split(",", $ssta);
      $time =
array("00:00", "01:00", "02:00", "03:00", "04:00", "05:00", "06:00", "07:00", "08:00", "09:00", "10:00", "11:00", "12:00", "13:00", "14:00", "15:00", "16:00", "17:00", "18:00", "19:00", "20:00", "21:00", "22:00",
"23:00");
      if ($ssta != "") { $rlabel = ($dtype == 1) ? "ปริมาณน้ำฝน (มิลลิเมตร)" : "ระดับน้ำ (เมตร)";
        if ($stype == 4 || $stype == 0 || $stype == 1 || $stype == 2 || $stype == 3) { //monthly yearly or all
          if ($stype == 0) { //daily
            if (!$sdate && !$edate) $sdate = $edate = date("Y-m-d");
            else {
              $sd = split("/", $sdate); $ed = split("/", $edate);
              $sdate = $sd[0] . "-" . $sd[1] . "-" . $sd[2]; $edate = $ed[0] . "-" . $ed[1] . "-" . $ed[2]; }
          }
          if ($stype == 1) { //monthly
            if (!$sdate && !$edate) {
              $sdate = date("Y") . "-" . date("m", mktime (0,0,0,date("n")-1,date("j"),date("Y"))) . "-" .
date("d") ;
              $edate = date("Y") . "-" . date("m", mktime (0,0,0,date("n"),date("j"),date("Y"))) . "-" .
date("d");
            }
            else {
              $sd = split("/", $sdate); $ed = split("/", $edate);
              $sdate = $sd[0] . "-" . $sd[1] . "-" . $sd[2]; $edate = $ed[0] . "-" . $ed[1] . "-" . $ed[2]; }
          }
          elseif ($stype == 2) { if (!$sdate) { $sdate = $edate = date("Y"); }} //yearly
          if ($dtype == 1) { /* ข้อมูลปริมาณน้ำฝน */
            if ($stype == 0) $sql = "select ondate, substring(ontime from 0 for 6) as
time, strf01, strf02, strf03, strf04, strf05, strf06, strf07,
                                strf08, strf09, strf10, strf14 from rid_pkrfdaily where ondate between '" . trim($sdate) . "' and
'" . trim($edate) . "'
                                order by ondate, ontime"; //daily
            elseif ($stype == 1) $sql = "select to_char(ondate, 'yyyy/mm/dd'), sum(strf01) as strf01, sum(strf02) as
strf02,
                                sum(strf03) as strf03 , sum(strf04) as strf04, sum(strf05) as strf05, sum(strf06) as
strf06, sum(strf07) as strf07,
                                sum(strf08) as strf08, sum(strf09) as strf09, sum(strf10) as strf10, sum(strf14) as strf14 from
rid_pkrfdaily

```

```

                                where ondate between '$sdate' and '$edate' group by ondate order by ondate"; // monthly
elseif ($type == 2) $sql = "select to_char(ondate,'yyyy/mm/dd'),sum(strf01) as strf01,sum(strf02) as
strf02,
                                sum(strf03) as strf03,sum(strf04) as strf04,sum(strf05) as strf05,sum(strf06) as
strf06,sum(strf07) as strf07,
                                sum(strf08) as strf08,sum(strf09) as strf09,sum(strf10) as strf10,sum(strf14) as strf14 from
rid_pkrfdaily
                                where substring(ondate from 0 for 5) between '$sdate' and '$edate' group by ondate order by
ondate"; // yearly
                                elseif ($type == 3) { //all
                                    if ($sdate ) $cond = " where ondate between '$sdate' and '$edate' ";
                                    $sql = "select to_char(ondate,'yyyy/mm/dd'),sum(strf01) as strf01,sum(strf02) as
strf02,sum(strf03) as strf03,
                                    sum(strf04) as strf04,sum(strf05) as strf05,sum(strf06) as strf06,sum(strf07) as
strf07,sum(strf08) as strf08,
                                    sum(strf09) as strf09,sum(strf10) as strf10,sum(strf14) as strf14 from rid_pkrfdaily
$cond group by ondate
                                    order by ondate" ;
                                }
                                if ($type ==0) echo "<h3>ข้อมูลปริมาณน้ำฝนสะสมรายชั่วโมง จากสถานีตรวจวัดในลุ่มน้ำป่าสัก</h3>";
                                elseif ($type ==4){ $ss = $xsta[0]-1 ; echo "<h3>ข้อมูลปริมาณน้ำฝนพื้นที่ จากสถานีตรวจวัดในลุ่มน้ำป่าสัก $uname{$ss}</h3>"; }
                                else echo "<h3>ข้อมูลปริมาณน้ำฝนสะสมรายวัน จากสถานีตรวจวัดในลุ่มน้ำป่าสัก</h3>";
                                //echo "$sql<br>";
                                if ($type ==4) { //ฝนพื้นที่หลายปี
                                    $xsql ="select distinct substring(ondate from 0 for 5)as year from rid_pkrfdaily order by
substring(ondate from 0 for 5)desc";
                                    $xrs = @pg_exec($conn, $xsql); $xnum = pg_numrows($xrs); $cxsta = $xnum; $xname = "";
                                    for ($a=0;$a<$xnum;$a++) { $xrow = pg_fetch_row($xrs,$a); $xname .= $xrow[0]. ",";
                                        $sql = "select ondate,sum(strf01) as strf01,sum(strf02) as strf02,
                                            sum(strf03) as strf03,sum(strf04) as strf04,sum(strf05) as strf05,sum(strf06) as
strf06,sum(strf07) as strf07,
                                            sum(strf08) as strf08,sum(strf09) as strf09,sum(strf10) as strf10,sum(strf14) as
strf14 from rid_pkrfdaily
                                            where substring(ondate from 0 for 5) ='$xrow[0]' group by ondate order by ondate";
                                        //echo "$sql<br>";
                                        $rs = @pg_exec($conn, $sql) ; $total = 0;$num = pg_numrows($rs); $xv = "value$a";
                                        for ($j=0;$j<$num;$j++) { $row = pg_fetch_array($rs,$j); // keep data in hash array
                                            $strf = (strlen($xsta[0]) == 1)? "strf0". $xsta[0] : "strf". $xsta[0] ;

```

```

        $total += $row[$strf]; $arr = split("-", $row[0]);
        $rf [substr($arr[2],0,1) == 0 ? substr($arr[2],1,1) : substr($arr[2],0,2)]
[substr($arr[1],0,1) == 0 ? substr($arr[1],1,1) : substr($arr[1],0,2)] = $total; // keep value in hash array
        $mm[$x] = $total; $x++;
    }
    for ($i=1;$i<13;$i++) { $m = date ("t", mktime(0,0,0,$i,1,$xrow[0])); //month
        for($k=1;$k<$m+1;$k++) { $av = ($rf [$k] [$i] != "") ? $rf [$k] [$i] : "x"; $$xv
.= $av . ","; } //day
    }
    for ($i=1;$i<13;$i++) { $m = date ("t", mktime(0,0,0,$i,1,2000)); // gen date data for
graph
        for($k=1;$k<$m+1;$k++) { $xdate .= $k . " " . $tmontha[$i-1] . ","; }
    }
    //echo "sss $xdate <br>";
}
else { // daily, montly, yearly and all
    $rs = @pg_exec($conn, $sql) ;
    if ($rs) { $num = pg_numrows($rs);
        if ($num > 0) { $x = 0; $mm = array();
            if ($type == 0) { $z=0; //daily select only one station
                for ($j=0;$j<$num;$j++) { $row = pg_fetch_array($rs,$j); // keep data in
hash array
                    $strf = (strlen($xsta[0]) == 1)? "strf0". $xsta[0] : "strf".
                    $xsta[0] ;
                    $wr [$row[ondate]] [$row[time]] = $row[$strf];
                    if ($od == $row[ondate]) {$od = $row[ondate]; }
                    else{$od = $row[ondate]; $adate[$z] = $row[ondate] ; $z++;}
                    $mm[$x] = $row[$strf]; $x++;
                }
                $xdate = $row[0];
                for ($j=0;$j<count($adate);$j++) {
                    $vdate = $adate[$j]; $xv = "value0";
                    for ($i=0;$i<count($time);$i++) {
                        $$xv .= ($wr[$vdate] [$time[$i]] != "" ) ? $wr[$vdate]
[time[$i]] . "," : "x". ",";
                        $xdate .= $time[$i] . ",";
                    }
                }
            }
        }
    }
    else { // monthly yearly and all

```



```

,avg(stwr09) as stwr09,
$cond group by ondate
                                avg(stwr05) as stwr05,avg(stwr06) as stwr06,avg(stwr07) as stwr07,avg(stwr08) as stwr08
                                avg(stwr10) as stwr10,avg(stwr11) as stwr11,avg(stwr14) as stwr14 from rid_pkwrddaily
                                order by ondate";
}
if ($type == 0) echo "<h3>ข้อมูลระดับน้ำรายชั่วโมง จากสถานีตรวจวัดในลุ่มน้ำป่าสัก</h3>";
else echo "<h3>ข้อมูลระดับน้ำเฉลี่ยรายวัน จากสถานีตรวจวัดในลุ่มน้ำป่าสัก</h3>";
//echo "$sql<br>";
$rs =@pg_exec($conn, $sql);
if ($rs){ $num =pg_numrows($rs);
    if ($num > 0){ $x =0;$mm =array();
        if ($type ==0) { $z=0; // daily
            for ($j=0;$j<$num;$j++) { $row = pg_fetch_array($rs,$j); // keep data in hash
array
                                $stwr = (strlen($xsta[0]) == 1)? "stwr0". $xsta[0] : "stwr". $xsta[0]
;
                                $wr[$row[ondate]] [$row[time]] = $row[$stwr];
                                if ($od == $row[ondate]) {$od = $row[ondate]; }
                                else{$od = $row[ondate]; $adate[$z] = $row[ondate] ; $z++;}
                                $mm[$x] = $row[$stwr]; $x++;
                                $x++;
                                } $edate = $row[0];
                                for ($j=0;$j<count($adate);$j++) {
                                    $vdate = $adate[$j]; $xv = "value0";
                                    for ($i=0;$i<count($time);$i++) {
                                        $$xv .= ($wr[$vdate] [$time[$i]] !="" ) ? $wr[$vdate] [$time[$i]]
. "," : "x". ",";
                                        $xdate .= $time[$i] . ",";
                                    }
                                }
                                }
                                else { // monthly,yearly and all
                                    for ($j=0;$j<$num;$j++) { $row = pg_fetch_array($rs,$j);
                                        for ($i=0;$i<$cxsta;$i++) { $stwr = (strlen($xsta[$i]) == 1)? "stwr0".
                                $xsta[$i] : "stwr". $xsta[$i] ;
                                        $xv = "value$i"; $$xv .= $row[$stwr] . ","; $mm[$x] = $row[$stwr];
                                $x++;
                                        }
                                }

```

```

        if ($j == 0 && $type==3) $sdate = $row[0];
        if ($type ==0) $xdate .= $row[1] . ","; else $xdate .= $row[0] . ",";
        $x++;
    }    $sdate = $row[0];
    }
}
$rule=0;
if($xsta[0] ==1) { //หล่มเก่า
    $left =199.02;$right=198.65; //$l_rule1 = "ระดับตลิ่งซ้าย$left ม. (รทก.)";$l_rule2 = "ระดับตลิ่งขวา$right ม.
(รทก.) ";

    $rule = $right; $l_rule2 = "ระดับตลิ่งขวา$rule ม. (รทก.)";
}
elseif($xsta[0] ==2) { //หล่มสัก
    $left =155.77;$right=157.30; //$l_rule1 = "ระดับตลิ่งซ้าย$left ม. (รทก.)";$l_rule2 = "ระดับตลิ่งขวา$right ม.
(รทก.) ";

    $rule = $left; $l_rule2 = "ระดับตลิ่งซ้าย$rule ม. (รทก.)";
}
elseif($xsta[0] ==3) { //ห้วยป่าแดง
    $left =0;$right=0;
    $rule=' ' ; $l_rule = "";
}
elseif($xsta[0]==4) { //เพชรบูรณ์
    $left =109.88;$right=110.00; //$l_rule1="ระดับตลิ่งซ้าย $left ม.(รทก.); $l_rule2="ระดับตลิ่ง ขวา$right ม.(รทก.);
    $rule = $left; $l_rule2 = "ระดับตลิ่ง ซ้าย $rule ม. (รทก.)";
}
elseif($xsta[0] ==5) { //หนองไผ่
    $left =88.77;$right=87.06; //$l_rule1 = "ระดับตลิ่ง ซ้าย $left ม. (รทก.); $l_rule2 = "ระดับตลิ่ง ขวา$right ม.
(รทก.) ";

    $rule = $right ; $l_rule2 = "ระดับตลิ่ง ขวา$rule ม.(รทก.);
}
elseif($xsta[0]==6) { //วิเชียรบุรี
    $left =60.763;$right=60.976; //$l_rule1="ระดับตลิ่ง ซ้าย $left ม.(รทก.); $l_rule2="ระดับตลิ่ง ขวา$right ม.(รทก.);
    $rule = $left; $l_rule2="ระดับตลิ่ง ซ้าย $rule ม. (รทก.)";
}
elseif($xsta[0] ==7) { //บ้านพุม

```

```

(รทก.)";

$left =45.372;$right=48.54; //$l_rule1 = "ระดับคลั่งซ้าย $left ม. (รทก.)"; $l_rule2 = "ระดับคลั่งขวา $right ม.
(รทก.)";

$rule = $left; $l_rule2 = "ระดับคลั่งซ้าย $rule ม. (รทก.)";
}
elseif($xsta[0] ==8) { //ลำสนธิ
$left =69.34;$right=63.38; //$l_rule1 = "ระดับคลั่งซ้าย $left ม. (รทก.)"; $l_rule2 = "ระดับคลั่งขวา $right ม.
(รทก.)";

$rule = $right; $l_rule2 = "ระดับคลั่งขวา $rule ม. (รทก.)";
}
elseif($xsta[0] ==9) { //เขื่อนพระราม 6
$left =11.04;$right=12.08; //$l_rule1 = "ระดับคลั่งซ้าย $left ม. (รทก.)"; $l_rule2 = "ระดับคลั่งขวา $right ม.
(รทก.)";

$rule = $left; $l_rule2 = "ระดับคลั่งซ้าย $rule ม. (รทก.)";
}
elseif($xsta[0] ==10) { //เหนือเขื่อนป่าสัก
$left=43;
$rule = $left; $l_rule2="ระดับเก็บกับสูงสุด $rule ม.";
}
elseif($xsta[0]==11) { //ท้ายเขื่อนป่าสัก
$left =30.06;$right=30.36; //$l_rule1="ระดับคลั่งซ้าย $left ม.(รทก.)"; $l_rule2="ระดับคลั่งขวา $right ม.(รทก.)";
$rule = $left; $l_rule2="ระดับคลั่งซ้าย $rule ม.(รทก.)";
}
elseif($xsta[0]==14) { //เสาไห้
$left =15.25;$right=13.82; //$l_rule1="ระดับคลั่งซ้าย $left ม.(รทก.)"; $l_rule2="ระดับคลั่งขวา $right ม.(รทก.)";
$rule = $right; $l_rule2 = "ระดับคลั่งขวา $rule ม. (รทก.)";
}
}
}
if ($xdate) { if ($cxsta <= 1) $ccolor="";
$vmx = max($mm); $vmin = minnum($mm); $p = roundall(($vmx + $vmin) * 0.1); $max = $vmx+$p; $min =
$vmin - $p;
if ($max < $rule) $max = $rule + ($rule * 0.1);
echo "<applet code=com.objectplanet.chart.LineChartApplet archive=chart.jar width=600 height=400>\n";
for ($i=0;$i<$cxsta;$i++) { $sv = "samplevalues_$i"; $val = "value$i"; $xval = $$val; $xname .=
$username[$xsta[$i]-1] . ",";
echo "<param name=$sv value='$xval'>\n";

```

```

    }
echo "<param name=chartTitle value=''>
    <param name=range value='$max'>
    <param name=lowerRange value='$min'>
    <param name=seriesCount value='$cxsta'>
    <param name=seriesLabels value='$xname'>
    <param name=sampleLabels value='$xdate'>
    <param name=sampleAxisLabel value='วันที่/เวลา'>
    <param name=rangeAxisLabel value='$rlabel'>
    <param name=rangeAxisLabelAngle value='270'>
    <param name=sampleddecimalcount value='2'>
    <param name=graphInsets value='-1,-1,-1,-1'>
    <param name=font value='Dialog, plain,12'>
    <param name=sampleAxisLabelFont value='Dialog, bold,12'>
    <param name=rangeAxisLabelFont value='Dialog, bold,12'>";

if ($rule != 0) echo "<param name=targetValueLine_0 value='$l_rule2,$rule,red'>";
//if ($right != 0) echo "<param name=targetValueLine_1 value='$l_rule2,$right,red'>";

echo "<param name=rangeAdjusterOn value=true>
<param name=sampleLabelsOn value=true>
<param name=autoLabelSpacingOn value=true>
<param name=sampleScrollerOn value=true>
<param name=sampleColors value='$ccolor'>
<param name=sampleLabelsOn value=true>
<param name=legendOn value=true>
<param name=valueLinesOn value=true>
<param name=sampleLabelAngle value=270>
<param name='connectedLinesOn' value=true>
</applet>";
//
//
//
    <param name=sampleHighlightOn value='true'>
    <param name=sampleHighlightStyle value='circle'>
    <param name=sampleHighlightSize value='1'>
}
echo "<p><form method=post action=$PHP_SELF><input type=hidden name=dtype value='$dtype'>
    <input type=hidden name=type value='$type'><input type=hidden name=ssta value='$ssta'>";
if ($type ==1 || $type == 0) { // monthly and daily
    $sd = split("-", $sdate); $sed = split("-", $edate);
    $sdate = $sd[0] . "/" . $sd[1] . "/" . $sd[2] ; if ($sed[1] != "") $edate = $sed[0] . "/" . $sed[1] . "/" . $sed[2];

```



```

                if ($rs) { $num = pg_numrows($rs);
                    if ($num > 0) { $x = 0; $mm = array();
                        for ($j=0; $j<$num; $j++) { $row = pg_fetch_row($rs, $j);
                            for ($i=0; $i<$cxsta; $i++) { $xv = "value$i"; $xv .= $row[$xsta[$i]+1] . ",";
                                $xdate .= $row[1] . ","; $x++; }
                            }
                        }
                    }
                }
            }
        }
    }
}

*/
}
?>
</body>
</html>
*****

```

```

ชื่อโปรแกรม : rid_pk_mgraph.php
คำอธิบาย : เมนูแสดงสถานีตรวจวัดในลุ่มน้ำป่าสัก เพื่อให้ผู้ใช้เลือก สถานีตรวจวัด และช่วงเวลาที่ต้องการดูข้อมูลในรูปแบบของกราฟเส้น
*****
<?
#####
# nectec -- high performance computing research and development division --
#
# version: 1
# project: tiwrm
# filename: rid_pk_mgraph.php
# author(s): thitiporn meeprasert
# purpose: main line graph rainfall and water level in pasak basin report
#
# cmd line arg: none
# input:
# output:
# date created:
# history:
#
#####
# ***** main script *****
#####
#
# global vars:
# modified:
#
#####
include "config.php";
?>
<html>
<head>
<title>รายงานข้อมูลปริมาณน้ำฝน ระดับน้ำ จากสถานีตรวจวัดในลุ่มน้ำป่าสัก</title>
<META name='Author' content='<?=$author ?>'><META name='Author' content='<?=$author1 ?>'>
<META NAME='description' CONTENT=''>
<META NAME='keywords' CONTENT=''>
<META http-equiv='Content-Type' content='text/html; charset=TIS-620'>
<LINK rel=STYLESHEET href="/stylesheet/reportstyle.css" type="text/css" title="mainstyle">
<script>
var LastWindowMenu = "";
function closewin() {

```

```

        if (LastWindowMenu != "")
        {
            if (eval("self." + LastWindowMenu))
            {
                if (!(eval("self." + LastWindowMenu + ".closed")))
                {
                    eval ("self." + LastWindowMenu + ".close()");
                }
            }
        }
    }
    function popup(thisWidth,thisHeight,thisDocument,thisWindowName,thistop,thisleft,xsc) {
        // exam :
        popup("790","560","s_lookup.php3?show="+show+"&print1="+print1+"&order1="+order1+"&order2="+order2+"&id1="+id1+"&id2="+id2
        +"&mnu="+mnu,"nwin_lookup","0","0","yes");
        closewin();
        var windowtools = "toolbar=0,location=0,directories=0,status=no,resizable=yes,alwaysRaised=1,";
        eval(thisWindowName + " = window.open(thisDocument,\"\" + thisWindowName + \"\", \"\" + windowtools +
        \"scrollbars=auto\"+\",width=\" + thisWidth + \",height=\" + thisHeight +
        \",top=\"+thistop+\",left=\"+thisleft+\",screeny=25,screenx=50\\\")");
        LastWindowMenu = thisWindowName;
    }
    function.opengraph() {
        var i; var ssta = "";
        for (i=0;i<document.form1.xsta.length;i++) {
            if (document.form1.xsta.options[i].selected == true) ssta = ssta + document.form1.xsta.options[i].value +
            ",";
        }
    }

    myWin=open('rid_pk_graph.php?ssta='+ssta+'&dtype='+document.form1.dtype.value+'&type='+document.form1.type.value,'_blank','width=
    700,height=500,status=no,toolbar=no,menubar=yes,resizable=yes,scrollbars=yes,top=100');
    myWin.focus();
}
</script>
</head>
<body><center>
<table bgcolor="#ffffff" border=1 width='100%'>
<tr><td>รายงานข้อมูลปริมาณน้ำฝน ระดับน้ำ จากสถานีตรวจวัดในลุ่มน้ำป่าสัก โดยแสดงในรูปแบบของแผนภูมิ x-y แนวแกน x แทนช่วงเวลาที่สุดข้อมูล แนวแกน y แทนระดับหรือปริมาณน้ำ
<form name=form1 action=rid_pk_mgraph.php method=post>
<table bgcolor="#ffffff"border=0>
<tr><td>ชนิดของข้อมูล</td>
<td><select name='dtype' onchange=form1.submit()>
<option value="2"<? if ($dtype ==2)echo "selected"?>>ระดับน้ำ</option>

```

```

    <option value="1"<? if ($dtype ==1)echo "selected" ?>>ปริมาณน้ำฝน</option>
</select><tr><td>สถานี<td>
<select name='xsta' size=12>
    <option value=1 <? if ($station ==1) echo "selected" ?>>(1) ส.หล่มเก่า</option>
    <option value=2 <? if ($station ==2) echo "selected" ?>>(2) ส.หล่มสัก</option>
    <option value=3 <? if ($station ==3) echo "selected" ?>>(3) ส.เขื่อนห้วยป่าแดง</option>
    <option value=4 <? if ($station ==4)echo "selected" ?>>(4) ส.เพชรบูรณ์</option>
    <option value=5 <? if ($station ==5)echo "selected" ?>>(5) ส.หนองไผ่</option>
    <option value=6 <? if ($station ==6)echo "selected" ?>>(6) ส.วิเชียรบุรี</option>
    <option value=7 <? if ($station ==7) echo "selected" ?>>(7) ส.บัวชุม</option>
    <option value=8 <? if ($station ==8) echo "selected" ?>>(8) ส.ปตร.ลำสนธิ</option>
    <option value=9 <? if ($station ==9) echo "selected" ?>>(9) ส.เขื่อนพระราม 6</option>
    <option value=10 <? if ($station ==10) echo "selected" ?>>(10) ส.เหนือเขื่อนป่าสัก</option>
    <option value=11 <? if ($station ==11) echo "selected" ?>>(11) ส.ท้ายเขื่อนป่าสัก</option>
    <option value=14 <? if ($station ==14) echo "selected" ?>>(14) ส.ชลประทานเสาไห้</option>
</select>
<tr><td>ช่วงเวลาที่สุด<td>
<select name="type">
    <option value="0">รายวัน</option>
    <option value="1" selected>รายเดือน</option>
    <option value="2">รายปี</option>
    <option value="3">ทั้งหมด</option>
    <? if ($dtype ==1)echo "<option value=4>ฝนห้วงทวิรายปี</option>\n";?>
</select>
<tr><td>กดปุ่มเพื่อดูข้อมูล</td><td><input type=button value="แสดงกราฟ" onclick="opengraph()"></td></tr>
</form></td></tr>
</body>
</html>
*****

```

```

ชื่อโปรแกรม : rid_pk_sta.php
คำอธิบาย : แสดงภาพของสถานีตรวจวัดในลุ่มน้ำป่าสัก
*****
<?
#####
# NECTEC -- High Performance Computing Research and Development Division --
#
# VERSION: 1
# PROJECT: TIWRM
# FILENAME: rid_pk_sta.html
# AUTHOR(S): Thitiporn Meeprasert
# PURPOSE: show image rainfall and water level in pasak basin
#
# CMD LINE ARG: none
# INPUT:
# OUTPUT:
# DATE CREATED:
# HISTORY:
#
#####
# ***** Main Script *****
#####
#
# GLOBAL VARS:
# MODIFIED:
#
#####
include "config.php";
?>
<html>
<title><?= $sta_name ?></title>
<head>
<META name='Author' content='<?= $author ?>'><META name='Author' content='<?= $author1 ?>'>
<META NAME='description' CONTENT=''>
<META NAME='keywords' CONTENT=''>
<META http-equiv='Content-Type' content='text/html; charset=TIS-620'>
</head>
<body>
" border=0 usemap="#Map" >
<map name="Map">

```

```
<area shape="rect" coords="515,369,567,410" href="javascript:window.close()">
</map>
</body>
</html>
*****
```

```

ชื่อโปรแกรม : find.php
คำอธิบาย : โปรแกรมค้นหาชื่อพายุที่เก็บในฐานข้อมูลมาแสดงผล ทุก 11 นาที
*****

<? // ค้นหาพายุ
$today= date("Y n d");
$this_time= gmdate("G"); //เวลาหน่วยเป็น GMT
$n_lat1=0;
$n_lat2=30;
$e_lon1=90;
$e_lon2=120;
$hr=12; // เก็บค่าชั่วโมงย้อนหลัง

$file=fopen("Name.txt","w"); fputs($file," "); fclose($file);
$r_eset=" No Storm ";
exec("/usr/bin/text2gif -c 120 250 120 -t '$r_eset' > picweather.gif");// gen gif in first

function f_ind($sql) { //ค้นหาพายุ
    $connection=pg_connect("host=dbms dbname=storm user=raider password=****") or die(" connect not found ");
    //echo "$sql<br>";
    $sql_result=@pg_exec($connection,$sql);
    if (pg_numrows($sql_result) != 0) {$i=0;
        while($row=@pg_fetch_array($sql_result,$i)) {
            $name=$row["name"];
            $f_file=fopen("Name.txt","r"); $t_emp=explode(",",$fgets($f_file,100)); fclose($f_file);
            $num = count($t_emp);
            for($a=0;$a<=$num;$a++) { //เช็คชื่อพายุมีอยู่แล้วหรือไม่ โดยอ่านจาก textfile ชื่อName.txt
                //echo "$t_emp[$a] == $name<br>";
                if(trim($t_emp[$a]) == "$name" && trim($t_emp[$a]) != "") { $check=0; break; }
                else $check=1;
            }
            if($check==1) { // หากมีพายุใหม่ก็จะทำการบันทึกเป็นรูปภาพ
                if ($row["type"] == "DEF") $type = "Depression";
                elseif ($row["type"] == "TYP") $type = "Typhoon";
                elseif ($row["type"] == "CYC") $type = "Cyclone";
                elseif ($row["type"] == "HUR") $type = "Hurricane";
                elseif ($row["type"] == "STO") $type = "Storm";
                $t_emp[$num]= $type . " " . $name; $a_name[$num] = $name;
                $pic=implode(" ",$t_emp); $pic2show = " " . substr($pic,strpos($pic,",")+1,strlen($pic));
                $wpic = implode(" ",$a_name);
            }
        }
    }
}

```

```

        exec("/usr/bin/text2gif -c 250 140 70 -t '$pic2show'> picweather.gif");
        //exec("/usr/bin/text2gif -c 250 140 70 -t '$pic2show'> test.gif");

        $f_file=fopen("Name.txt","w");
        fputs($f_file,$wpic); fclose($f_file);
    }$i++;
}
pg_freeresult($sql_result); pg_close($connection);
}
}

if($this_time>=$hr) { // ข้อมูลปัจจุบัน (ตรงตามเงื่อนไขชม.ที่กำหนด)
    $old_time=$this_time-$hr;
    $sql="select type,name from tracking where d_ate='$today' and t_ime<='$this_time' and t_ime>='$old_time' and
direct_lat='N' and direct_lon='E' and lat>='$n_lat1' and lat<='$n_lat2' and lon>='$e_lon1' and lon<='$e_lon2'";
    f_ind($sql);
}
else { // ข้อมูลเมื่อวาน
    $sql="select type,name from tracking where d_ate='$today' and t_ime<='$this_time' and direct_lat='N' and
direct_lon='E' and lat>='$n_lat1' and lat<='$n_lat2' and lon>='$e_lon1' and lon<='$e_lon2'";
    f_ind($sql);
    $time_yesterday=$this_time+$hr; $box=fopen("yesterday.txt","r"); $yesterday=fgets($box,10);
    $sql="select type,name from tracking where d_ate='$yesterday' and t_ime>='$time_yesterday' and direct_lat='N' and
direct_lon='E' and lat>='$n_lat1' and lat<='$n_lat2' and lon>='$e_lon1' and lon<='$e_lon2'";
    f_ind($sql);
}
echo "this time ". $this_time;
?>
*****

```

```
ชื่อโปรแกรม : set_day.php
คำอธิบาย : โปรแกรมบันทึกวัน เดือน ปี วันแต่ละวันลงใน text file เพื่อความสะดวกในการค้นหาข้อมูล
*****
<? //การบันทึกปี เดือน วัน
    $day=date("Y n d");
    $yesterday=fopen("yesterday.txt","w");
    fputs($yesterday,$day);
    fclose($yesterday);
?>
*****
```

ชื่อโปรแกรม : weather.php

คำอธิบาย : โปรแกรมอ่านข้อมูลพายุจาก Hawaii ทุกๆ 10 นาที เพื่อบันทึกรายละเอียดเกี่ยวกับพายุที่เกิดขึ้นในฐานข้อมูล

```
<?
$item=file("http://www.solar.ifa.hawaii.edu/Tropical/Data/tropical02");
$countnew=count($item); // เก็บค่าจำนวนข้อมูลใหม่
$old=fopen("countold.txt","r");
$countold=fgets($old,4); // เก็บค่าจำนวนข้อมูลเก่า
$total=$countnew-$countold; //เก็บผลต่างระหว่างข้อมูลเก่า ใหม่
fclose($old);
function insert($item,$countnew) {
    $num=$countnew;
    $num-=1;
    $line=fopen("countline.txt","r");
    $countline=fgets($line,4);
    fclose($line);
    for($j=$countline;$j<=$num;$j++) {
        $bin=$item[$j];
        $word=explode(" ", $bin);
        if($word[20]==ACT) { //เลือกข้อมูลเฉพาะที่เป็น ACT
            for($k=10;$k<=19;$k++) {
                if($word[$k]=="??") $word[$k]="NULL";
            }
            $connection=pg_connect("host=dbms dbname=storm user=raider password=****")or die(" connect not found
");
            $sql= "INSERT INTO
tracking(d_ate,t_ime,time_unit,lat,direct_lat,lon,direct_lon,name,course,speed,presure,wind,gusts,type,act_for,date_of_observatio
n,wmo,date_act_for)
VALUES ('$word[0] $word[1]
$word[2]','$word[3]','$word[4]','$word[5]','$word[6]','$word[7]','$word[8]','$word[9]','$word[10] $word[11]','$word[12]
$word[13]','$word[14] $word[15]','$word[16] kt','$word[17]
$word[18]','$word[19]','$word[20]','$word[21]','$word[22]','$word[23]')";
            $sql_result = pg_exec($connection,$sql)or die(" not exec ");
            pg_freeresult($sql_result);
            pg_close($connection);
            $line=fopen("countline.txt","w");
            fputs($line,$j+1); //บันทึกตำแหน่งของข้อมูลสุดท้ายที่บันทึกเพื่อนำไปเริ่มต้นการบันทึกในครั้งหน้า
```

```

        fclose($line);
    }
    $old=fopen("countold.txt","w");
    fputs($old,$countnew);
    fclose($old);
}

if($total>0) { insert($item,$countnew); } // ผลต่างมากกว่า 0 ถึงจะบันทึกข้อมูล
?>
*****

```