

RÉPUBLIQUE DE TUNISIE  
MINISTÈRE DE L'AGRICULTURE  
DIRECTION GÉNÉRALE DES BARAGES ET DES GRANDS  
TRAVAUX HYDRAULIQUES

ÉTUDE PRÉPARATOIRE POUR LE  
PROJET DE GESTION INTÉGRÉE  
DU BASSIN ET DE CONTRÔLE DES  
INONDATIONS DE L'OUED  
MEJERDA EN RÉPUBLIQUE DE  
TUNISIE  
RAPPORT FINAL

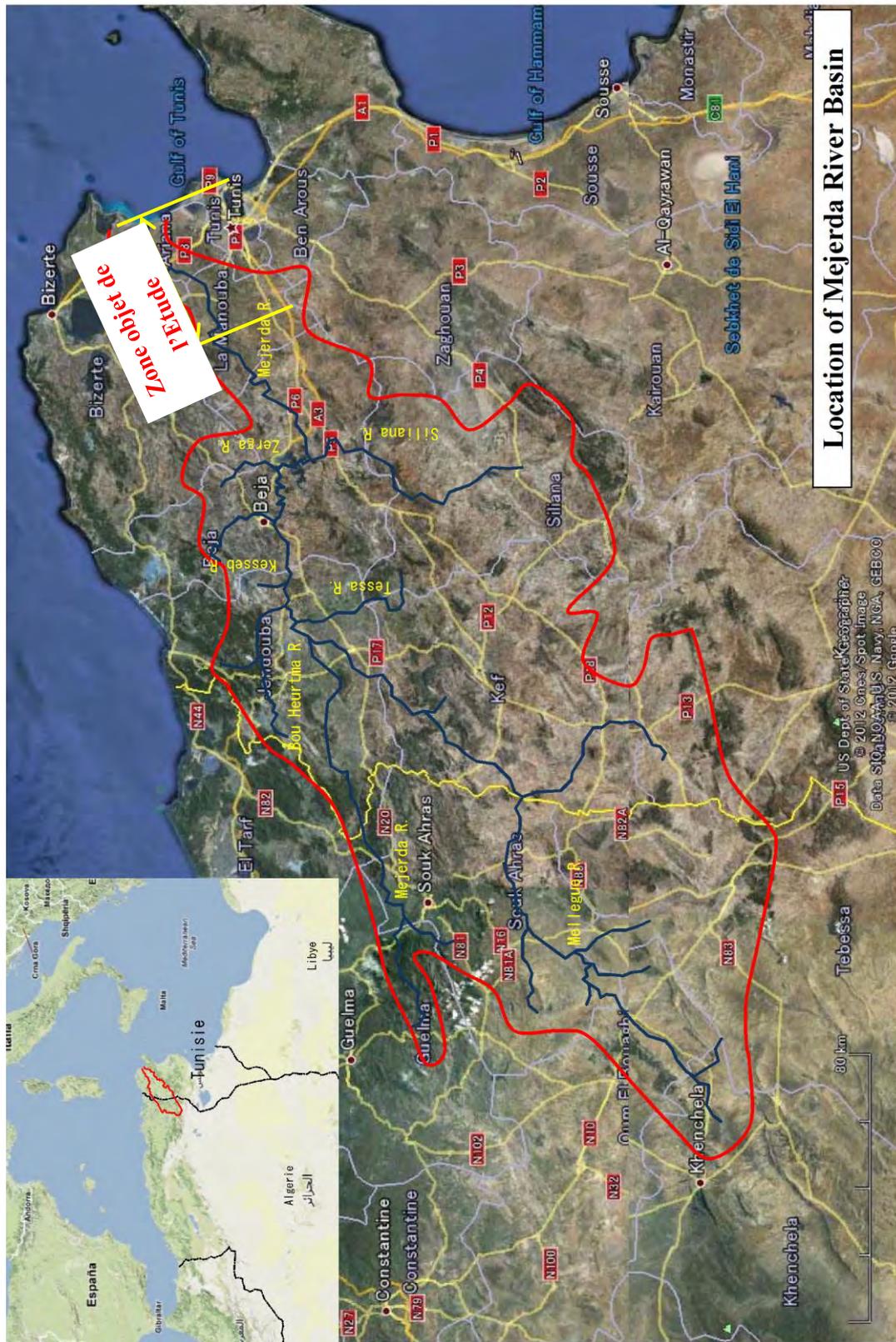
MARS 2013

AGENCE JAPONAISE DE COOPÉRATION INTERNATIONALE  
(JICA)

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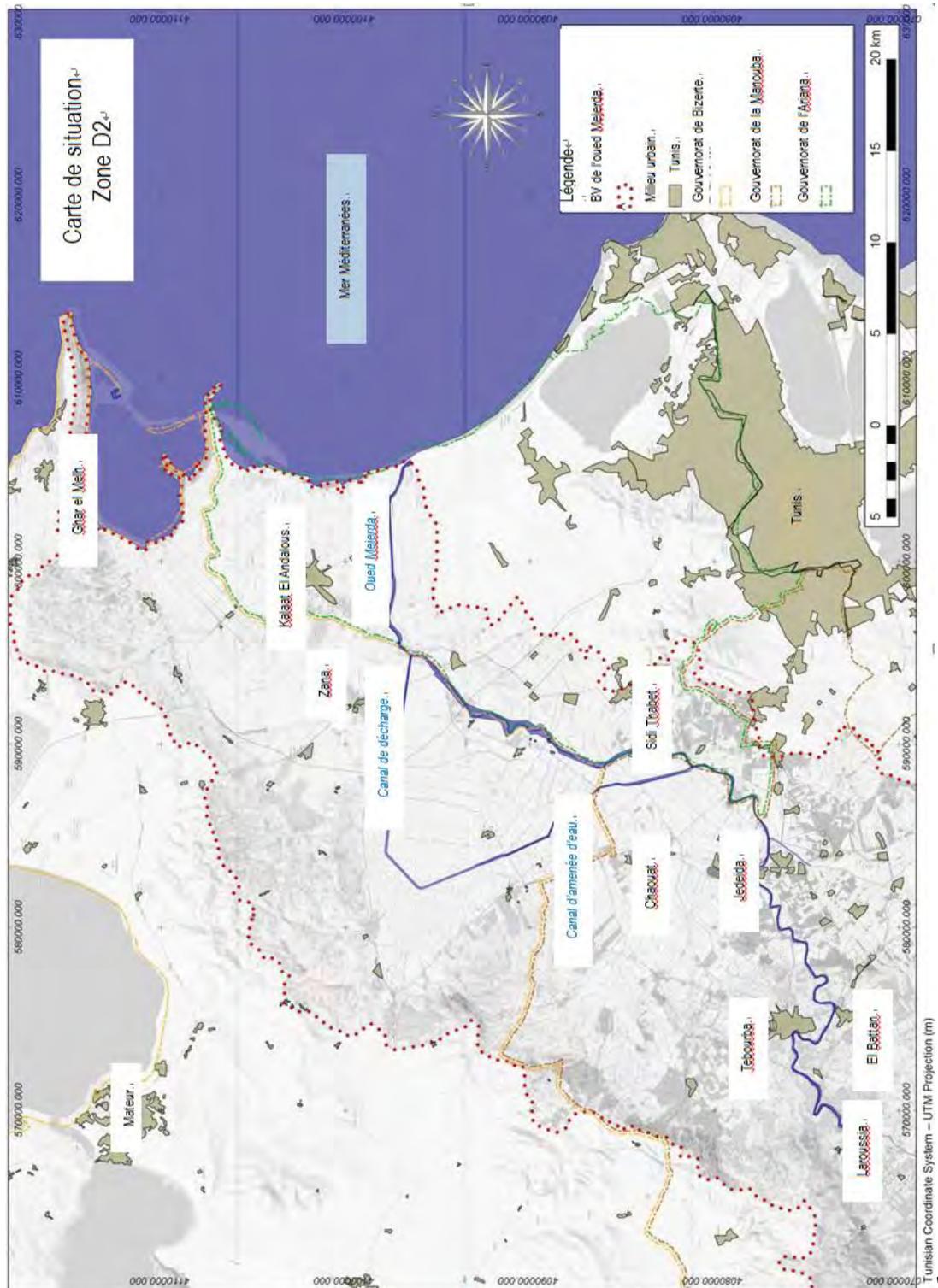
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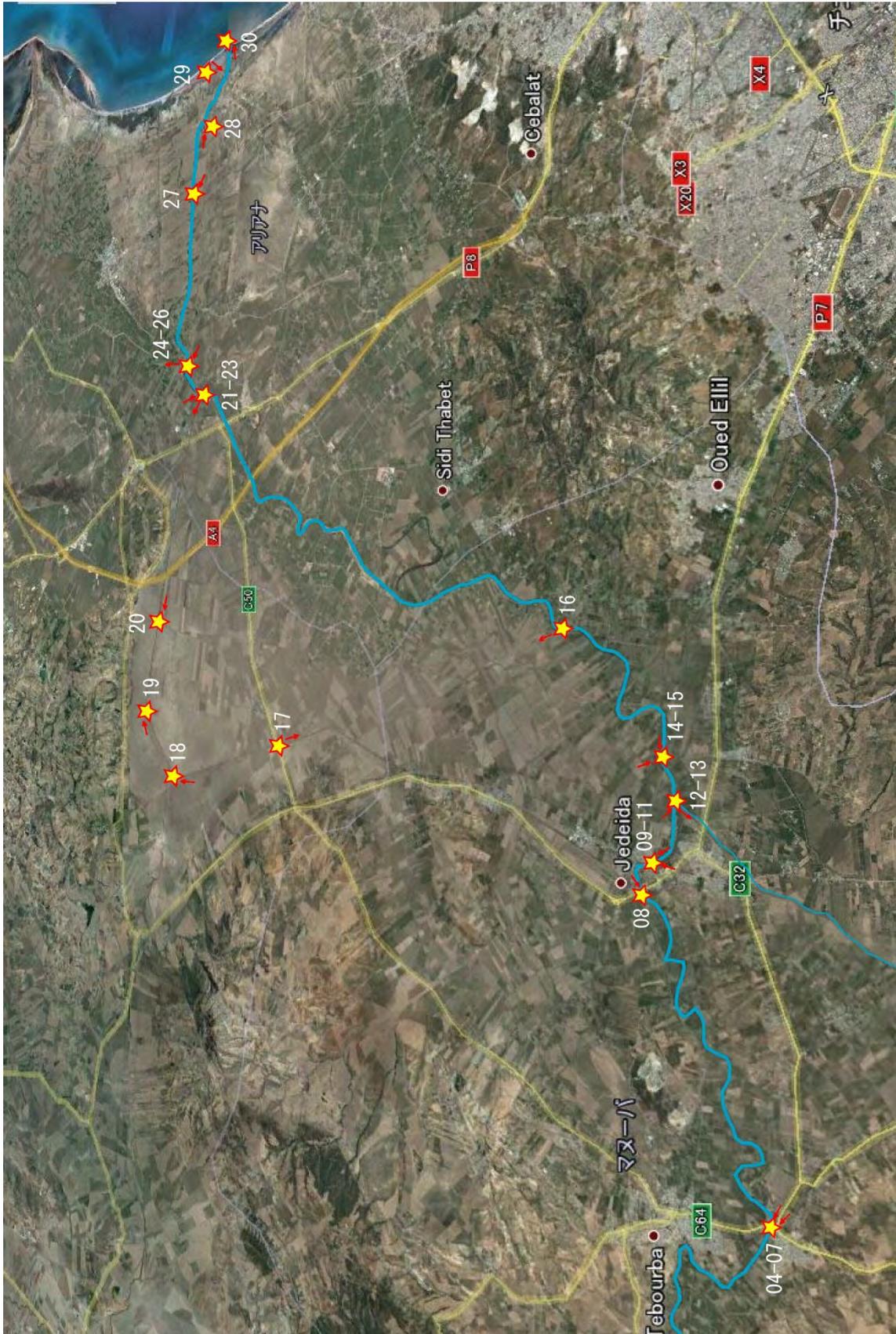
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 4234+ "



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34E qphwgpv'f'g'O'gf'lg'f'c'g'v'Ej'cltqw \*CqÂv'  
4234+''

13. Situation du lit à l'amont du confluent de Chafrou (Août 2012)



14. Ancien et nouveau ponts ferroviaires de Jedeida (Août 2012)

370P qwxgcw'r qpv'hg'gt'qx'ck'g'f'g'lg'f'g'f'c' '' \*CqÂv'4234+''



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f'w'r'ql'p'v'f'g'r't'k'ug'f'g'c'w'f'g'O'gf'lg'f'c' '\*CqÂv'  
4234+''

390E'c'p'c'n'f'ø'x'c'e'w'v'k'p'f'w'e'1/2' 'uw'f'x'w'<'r'ct'v'k'f'w'  
r'q'p'v't'q'w'k'g't'E72 '\*CqÂv'4234+''

	
<p>3: Epcnif ø xcewvqp'f w'dcuuk'f g'tgctf go gpv' f øGri'O cdqwj '*CqÅv'4234+'</p>	<p>19. Bassin de retardement d'El Mabtough (Août 2012)</p>
	
<p>42 Epcnif ø xcewvqp'«'h'xcppg'f g't<sup>2</sup>i w'v'vqp' gptg'ngu' qpgu'3'gv'4 '*CqÅv'422: +'</p>	<p>430 Epcnif ø xcewvqp'«'h'co qpv'eqphwgpv'cxge' O g'lgf c' '*CqÅv'4234+'</p>
	
<p>44 Genug'f w'r qlpv'f øgvt<sup>2</sup>g'«'r ctkt'f w'ecpnif ø xcewvqp'xgtu'O g'lgf c' '*CqÅv'4234+'</p>	<p>23. 'r qlpv'f øgvt<sup>2</sup>g'«'r ctkt'f w'ecpnif ø xcewvqp' xgtu'O g'lgf c' '*CqÅv'4234+'</p>



46 Rqp'v'«'nc o qpv'f w'dcttci g'o qdk'g'f g'Vqdku'\*CqÂ'4234+'"



47 Dcttci g'o qdk'g'f g'Vqdku"  
 \*Cxcnf g'O gf lgt'f c+\*CqÂ'4234+'"



48 Ecpnf' g'pvt<sup>2</sup> g'f w'dcttci g'f g'Vqdku"  
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49 Cxcnf w'r qpv'F gnc"  
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4: Ukwcwkp'f g'eqput w'kqp'f g'f ki wg'f g'rc'tkxg"  
 f tqkg'«'ncxcnf w'r qpv'F gnc"  
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4; 00 gf lgt'f c"<T<sup>2</sup> i kqp'j wo kf g'<'r' r tqzko k<sup>2</sup> 'f g'"  
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5200 gf lgt'f c"<Go dqwej wt g'"  
 \*CqA'4234+'



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560T<sup>2</sup> w'kqp'cxge'ngu'o go dtgu'f w'O k'kuv'g'f g'"  
 n'Ci t'lewwt'g'r qwt 'rc' r' n'p'k'ec'kqp'f w'Rt'qlgv'"  
 \*Ugr vgo dtg'4234+'

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**Étude Préparatoire pour le Projet de Gestion Intégrée du Bassin et de Contrôle des Inondations de l'oued Mejerda en République de Tunisie**

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Nkuv'f gu'iki wt gu"

Hki wtg'3/"3"	Ectvg'f g'f kxlukp'f w'dcuukp"	3/4"
Hki wtg'4/"3"	Vqr qi tcr j kg'f g'rc't <sup>2</sup> i kqp'f w'dcuukp'f g'nqwgf 'O glgtf c' *e/2 <sup>2</sup> "Vwpkukgp+"	4/3"
Hki wtg'4/"4"	J kvqts wg'f g'rc't <sup>2</sup> i tguukp'o ctkpg'f g'rc'dclg'f Wks wg"	4/5"
Hki wtg'4/"5"	Eqwr g'iqpi kwf kpcrg'f gu'eqwej gu'f w'uqnf cpu'rc' l qpg'cxnlg'iqpi 'f w'eqwtu'r t'kpek c'if g' nqwgf 'O glgtf c' *eqwej g'v'p'f t'g' l'p'f k' s' w <sup>2</sup> g'+	4/7"
Hki wtg'4/"6"	Vgo r <sup>2</sup> t'cwt gu'o q { gppgu'c'ppwng'u'gv'r t <sup>2</sup> ekr kcwkpu'«'Vwplu'	4/9"
Hki wtg'4/"7"	Ectvg'f gu'iki pgu'r nwxkqo <sup>2</sup> vks wgu'f w'dcuukp'f g'nqwgf 'O glgtf c' *r t <sup>2</sup> ekr kcwkpu'c'ppwng'u'o q { gppgu'+	4/:"
Hki wtg'4/"8"	F kH' t'pgegu't <sup>2</sup> i kqpcngu'gpvt g'ngu'o q { gppgu'o g'puwng'u'f gu'r t <sup>2</sup> ekr kcwkpu	4/:"
Hki wtg'4/"9"	Ectvg'f go r nrego gpv'f gu'dcttci gu'f cpu'ig'dcuukp'f g'nqwgf 'O glgtf c'gp'Vwpkukg'"	4/32"
Hki wtg'4/"10"	Ectvg'f go r nrego gpv'f gu'r t'kpek crgu'ucwkpu'f g'lcwi gci g.'f gu'c'hhwgpw.'f gu'dcttci gu'g' f gu'xknru" "	4/33"
Hki wtg'4/"11"	Ugevkpu'ectce <sup>2</sup> tknks wgu'f wej gpcn'	4/36"
Hki wtg'4/"32"	î 'i cwej g.'xwg'f gpugo drg'f w'dcttci g'Nctqwuuk'f'f' 'f tqkg.'xwg'f gpugo drg'f w'e/2 <sup>2</sup> 'cxnH/37"	
Hki wtg'4/"33"	î 'i cwej g.'ngu'4'xcppgu'dcucwcpv'g'u' *c'w'r tgo kgt' r ncp+'gv'ig'dcttci g'hzg'f'f' 'f tqkg.'rc' ucwkp'f g'r qo r ci g'f g'nqwtci g'f g'r t'kug'f g'cw'w'w'rc'tkxg'i cwej g.'ko o <sup>2</sup> f kcvgo gpv'gp' co qpv'f w'dcttci g'"	4/37"
Hki wtg'4/"34"	Ectvg'f go r nrego gpv'f gu'r qp'u'gv'qwtci gu'f g'ltcpej kugo gpv'cewng'u" "	4/39"
Hki wtg'4/"35"	Ectvg'f go r nrego gpv'f gu'r qp'u't'geqput wku'gv'p'qwxnggo gpv'eqput wku'	4/3;"
Hki wtg'4/"36"	Ectvg'f go r nrego gpv'f gu'eqpf wkgu'f g'cw'f qp'v'rc't'geqput wkw'p'gu'r t <sup>2</sup> xwg'gp't'cuqp'f g' nco <sup>2</sup> nqtcwkp'f g'nqwgf " "	4/43"
Hki wtg'4/"37"	Rt'kpek cwz'qwtci gu'f w'r <sup>2</sup> tlo <sup>3</sup> v'g'f w'dcuukp'f g't'gvctf go gpv'f g'Gn'O cdvqwj 'gv'f g'nqwgf " Ej cltqw'	4/45"
Hki wtg'4/"38"	J { f tqi tco o g'f g'rc'etwg'f g'o ctu'3; 95"	4/48"
Hki wtg'4/"39"	J { f tqi tco o g'f g'rc'etwg'f g'o ck'4222"	4/49"
Hki wtg'4/"40"	Etwg'f g'lcpxlgt'4225"<f <sup>2</sup> dk'gpvtcpv.'f <sup>2</sup> dk't'gukw <sup>2</sup> 'gv'pkxgcw'f g'ngcw'cw'Dcttci g'f g'Uk'k' Ucrgo "	4/4:"
Hki wtg'4/"41"	Etwg'f g'lcpxlgt'4226"<pkxgcw'f g'ngcw'gv'f <sup>2</sup> dk't'gukw <sup>2</sup> 'cw'Dcttci g'f g'Uk'k'Ucrgo "	4/4;"
Hki wtg'4/"42"	Etwg'f g'xtkl'422; "<f <sup>2</sup> dk't'gukw <sup>2</sup> 'gv'pkxgcw'f g'ngcw'cw'Dcttci g'f g'Uk'k'Ucrgo "	4/52"
Hki wtg'4/"43"	Etwg'f g'xtkl'422; "<g' { f tqi tco o g'cw' r t'kpek crgu'ucwkpu'f g'lcwi gci g'"	4/52"
Hki wtg'4/"44"	Etwg'f g'lxlgt'4234"<f <sup>2</sup> dk'gpvtcpv.'f <sup>2</sup> dk't'gukw <sup>2</sup> 'gv'pkxgcw'f g'ngcw'cw'dcttci g'f g'Uk'k' Ucrgo "	4/53"
Hki wtg'4/"45"	Etwg'f g'lxlgt'4234"<g' { f tqi tco o g'cw' r t'kpek crgu'ucwkpu'f g'lcwi gci g'"	4/53"
Hki wtg'5/"3"	Rncp'f g'r qukkppgo gpv'f w'r ncp'f g'f <sup>2</sup> xgnrr go gpv'w'dclp"	5/7"
Hki wtg'5/"4"	Qti cpli tco o g'f w'O kpkv <sup>2</sup> t'g'f g'rc'ic'klewntg'"	5/8"
Hki wtg'5/"5"	Qti cpli tco o g'f g'rc'FI DI VJ "	5/;"
Hki wtg'5/"6"	Qti cpli tco o g'f g'rc'FI TG"	5/33"
Hki wtg'5/"7"	Xqlg'f g'eqput wkw'p'f w'ecpcif ø eqwgo gpv	5/37"

Hki wtg'5/'8''	T <sup>2</sup> uwo <sup>2</sup> f gu'tcxcwz 't <sup>2</sup> ckt <sup>2</sup> u'gp'cxclnf gr wku'3; 74"	5/38"
Hki wtg'5/'9''	Rrcp'f g'vgttclp'f w'dcttci g'f g'Uk'k'Ucrgo "	5/3: "
Hki wtg'5/'10''	Rtqkkl'iqpi kwf kpcnlf w'dcttci g'f g'Uk'k'Ucrgo "	5/3: "
Hki wtg'5/'11''	Rtqkkl'iqpi kwf kpcnlf gu'f <sup>2</sup> xgtuqk'f w'dcttci g'f g'Uk'k'Ucrgo "	5/3; "
Hki wtg'5/'32''	U{uv <sup>3</sup> o g'f qdugtxcvqp'U EQJ VTCE'f cpu'nqwgf 'O glgtf c 'f kur qukkqp'cewngm+' "	5/43"
Hki wtg'5/'33''	U{uv <sup>3</sup> o g'f qdugtxcvqp'r nwxkqo <sup>2</sup> vks wg'r tqr qu <sup>2</sup> 'f cpu'ig'Rrcp'F kt gevgt 'f kur qukkqp'cewngm'- 'r tqr qukkqp'f g'ucvqpu'cf f kkp'p'p'ngm+' "	5/44"
Hki wtg'5/'34''	U{uv <sup>3</sup> o g'f qdugtxcvqp'f w'plxgcw'f qgcw'r tqr qu <sup>2</sup> 'f cpu'ig'Rrcp'F kt gevgt 'gv'r ct'rc'FI TG'f kur qukkqp'cewngm'- 'ucvqpu'cf f kkp'p'p'ngm'u'r tqr qu <sup>2</sup> gu+' "	5/46"
Hki wtg'5/'35''	Qti cplucvqp'f w'eqpt'1/2'g'f gu'ecmo k <sup>2</sup> u.'gv'u{uv <sup>3</sup> o g'f g'tcpuo kuukqp'f gu'kphqto cvkpu'uw'igu'ecmo k <sup>2</sup> u'f'Rrcp'drgw+' "	5/4: "
Hki wtg'5/'36''	\ qpgu'uwdo gti <sup>2</sup> gu'r ct'igu'kpqpf cvkpu'*Rrcp'drgw'4233'f g'O cpqwdc.'F <sup>2</sup> r <sup>2</sup> i cvkqp'Gn'Dcwcp+' "	5/4; "
Hki wtg'5/'37''	\ qpgu'uwdo gti <sup>2</sup> gu'r ct'igu'kpqpf cvkpu'*Rrcp'drgw'4233'f g'O cpqwdc.'F <sup>2</sup> r <sup>2</sup> i cvkqp'Lgf glf c+5/4; "	
Hki wtg'5/'38''	\ qpgu'uwdo gti <sup>2</sup> gu'r ct'igu'kpqpf cvkpu'*Rrcp'drgw'4233'f g'O cpqwdc.'F <sup>2</sup> r <sup>2</sup> i cvkqp'Vgdqwtde+' "	5/52"
Hki wtg'5/'39''	Uej <sup>2</sup> o c'f g'rcpego gpv'f gu'crgt'gu'gp'ecu'f <sup>2</sup> kpqpf cvkpu'*r c{u' → "i qwxgtpqtcv' → "f <sup>2</sup> r <sup>2</sup> i cvkqp" → "j cdkcpw+' "	5/53"
Hki wtg'5/'3:	Rqukkqp'f gu'f <sup>2</sup> r <sup>2</sup> i cvkpu'f cpu'ig'i qwxgtpqtcv'f g'O cpqwdc'r qwt'nc'xcewcvkqp'gp'ecu'f kpqpf cvkqp" "	5/54"
Hki wtg'5/'3:	Nwzwtlcp'eg'f gu'co ctku'*ugr vgo dtg'4234+' "	5/56"
Hki wtg'5/'42''	Rqlp'v'f g'eqphw'p'eg'f w'ecpcnlf g't gukwwkqp'f w'dcuukp'f g'tgvctf go gpv'f qGn'O cdvqwj 'cxge'nqwgf 'O glgtf c.'gv'rc'xcppg" "	5/57"
Hki wtg'5/'43''	F kxlukp'l' qpcrg'f w'ecpcnlf g't gukwwkqp'f w'dcuukp'f g'tgvctf go gpv'f qGn'O cdvqwj "	5/57"
Hki wtg'5/'44''	Dcttci g'f <sup>2</sup> xgtuqk'f g'rc'l' qpg'5'<'rc'l' qpg'4'+gv'rc'f ki wg'f g'rc'tkxg'f tqkg'f w'ecpcnlf qgpv <sup>2</sup> g5/59"	
Hki wtg'5/'45''	F <sup>2</sup> xgtuqk'f <sup>2</sup> s wkr <sup>2</sup> 'f g'xcppg'tgkcpv'rc'l' qpg'4'gv'rc'l' qpg'3"	5/59"
Hki wtg'5/'46''	F <sup>2</sup> xgtuqk'gp'o kpeg'r ctqktgkcpv'rc'l' qpg'5'gv'rc'l' qpg'4"	5/59"
Hki wtg'5/'47''	Xcppg'f g't <sup>2</sup> i wrcvqp'f g'f <sup>2</sup> dkw"	5/59"
Hki wtg'5/'48''	Ewntg'r tcvks w <sup>2</sup> g'gp'l' qpg'4"	5/59"
Hki wtg'5/'49''	Xqrgv'tcdcwcdrg'f g'rc'wqt'vkg'f g'w'cw"	5/5: "
Hki wtg'5/4: ""	Vw'cw'f q'xcewcvkqp'gp'f crqv'	5/5: "
Hki wtg'5/'4: "	T <sup>2</sup> i kq'ekdn'f g'r ct'nc'wf g'f g'r tqgevqk'eqpt'g'igu'kpqpf cvkpu'f gu'l' qpgu'P qtf 'gv'Guv'f w'I tcpf 'Vw'ku"	5/5; "
Hki wtg'6/'3''	J {f tqi tco o g'f gu'r tlpek'cwz'r qlpw"	'6/3"
Hki wtg'6/'4''	F <sup>2</sup> dk't <sup>2</sup> r ct'v'f g'etwgu'f g'eqpegr vqp'f w'r rcp'f kt gevgt "	'6/4"
Hki wtg'6/'5''	J {f tqi tco o g'f gu'r tlpek'cwz'r qlpw"	'6/5"
Hki wtg'6/'6''	F <sup>2</sup> dk't <sup>2</sup> r ct'v'f gu'etwgu'f g'dcug"	'6/5"
Hki wtg'6/'7''	F <sup>2</sup> dk't <sup>2</sup> r ct'v'f gu'etwgu'f w'r tqlgv"	'6/6"
Hki wtg'6/'8''	Ugevqk'h'kucpv'nqdlgv'f g'ngzco gp'f g'rc'r t <sup>2</sup> ugpv <sup>2</sup> wf g'nc' qpg'F 4+' "	'6/7"
Hki wtg'6/'9''	Rtqkkl'iqpi kwf kpcn'gzr mks <sup>2</sup> 'f cpu'ig'r rcp'f kt gevgt "	'6/: "

Hki wtg'6/"	" " Ugevkpu'tcpuxgtucngu't gr t <sup>2</sup> ugpvcxgu"	6/;
Hki wtg'6/"	" " Rtqhk'i'iqpi kwf kpcn'f g'nqwgf '*ukwcvkqp'cewngm+'gv't <sup>2</sup> uwnv'f g'ecrewif w'pkxgcw'f g'nqgw' f gu'eqwr gu'gp' <sup>2</sup> cv'cewgn'	6/32"
Hki wtg'6/"32	Ecr cek <sup>2</sup> 'f g'f <sup>2</sup> dky'f g'nqwgf '*ukwcvkqp'cewngm+' "	6/33"
Hki wtg'6/"33	Ugevkpu'tcpuxgtucngu'f g'r tqlgv'eqo r ct <sup>2</sup> gu'cw'Rqlpv'f g'42'327m " "	6/36"
Hki wtg'6/"34	Ugevkpu'tcpuxgtucngu'f g'r tqlgv'eqo r ct <sup>2</sup> gu'cw'Rqlpv'f g'5; '626m " "	6/37"
Hki wtg'6/"35	Rtqhk'i'iqpi kwf kpcn'f w'Ecu'P A <sup>3</sup> '*Gpf ki wgo gpv' "	6/38"
Hki wtg'6/"36	Rtqhk'i'iqpi kwf kpcn'f w'Ecu'P A <sup>4</sup> '*Gzexcwkqp+' "	6/39"
Hki wtg'6/"37	Rtqhk'i'iqpi kwf kpcn'f w'Ecu'P A <sup>5</sup> '*Gzexcwkqp- 'Gpf ki wgo gpv' "	6/3: "
Hki wtg'6/"38	Rrcp'f g'rc'dqweng'f g'nqwgf "	6/3; "
Hki wtg'6/"39	Tgeqwr go gpv'f w'o <sup>2</sup> cpf tg'r tqr qu <sup>2</sup> "	6/3; "
Hki wtg'6/"3:	" Ecrewif g'hw'eqwgo gpv'i tcf wnggo gpv'xctk <sup>2</sup> 'f g'nqwgf 'Ej chtqw'gv'Eqpegr vkqp'f gu'f ki wgu' f g'r tqgcvkqp'eqpw g'ngu'tgo qwu"	6/44"
Hki wtg'6/"3;	" \ qpgu'gzkwcpvgu't <sup>2</sup> r ctvku'f g'rc'r rckpg'f GrlO cdvqwj "	6/45"
Hki wtg'6/"42	Xwg'gp'r rcp'f wf <sup>2</sup> xgtuqt "	6/46"
Hki wtg'6/"43	Ugevkp'tcpuxgtucng'cw'r qkpv'f g'f <sup>2</sup> xgtugo gpv' "	6/47"
Hki wtg'6/"44	Rrcp'f ogpugo dnq'f w'dcuwk'f g'tgctf go gpv'f GrlO cdvqwj "	6/48"
Hki wtg'6/"45	Cr gt±w'f w'o qf <sup>3</sup> rg'dkf lo gpukppgnj qtk qpvcn'f gu' <sup>2</sup> eqwgo gpw'kpuvcdngu'	6/4: "
Hki wtg'6/"46	Clwngo gpv'f gu'f qpp <sup>2</sup> gu'vqr qi tcr j ks wgu'	6/52"
Hki wtg'6/"47	Rqkpw'qdlgv'f g'hw'rcdqcvkqp'f gu'r tqhku'tcpuxgtucwz 'f g'rc'r rckpg'f kqpf cwkqp"	6/53"
Hki wtg'6/"48	Rtqhku'tcpuxgtucwz 'f g'rc'r rckpg'f kqpf cwkqp"	6/54"
Hki wtg'6/"49	J cwngw'to q { gppg'f g'uqn'gp'bo cknai g' "	6/56"
Hki wtg'6/"4:	" Rrcp'f gwkwkucvkqp'f w'uqn'	6/58"
Hki wtg'6/"4;	" Rrcp'f g'ercuukhlecwkqp'f w'uqn'wkwk <sup>2</sup> '*f <sup>2</sup> vgo kpcvkqp'f w'eqghk'k'gpv'f g'twi quk <sup>2</sup> +' "	6/59"
Hki wtg'6/"52	T <sup>2</sup> uwnv'f w'ecrewif g'uko wcvkqp'f gu'etwgu'f g'4225"	6/63"
Hki wtg'6/"53	Eqo r ctckuqp'f gu' <sup>2</sup> cvu'f gu'gcwz 'kp <sup>2</sup> tkgw'gu'kqpf <sup>2</sup> gu'	6/66"
Hki wtg'6/"54	J { f tqi tco o g'r ct'r <sup>2</sup> tkqf g'f g'tgqv '*dcttci g'f g'Nctqwuuk+' "	6/69"
Hki wtg'6/"55	T <sup>2</sup> uwnv'f kpcn'f ug'f g'etwgu'*ej gpcn'f g'nqwgf 'cewng'Rtqdcdkk <sup>2</sup> '3 I7+' "	6/6: "
Hki wtg'6/"56	T <sup>2</sup> uwnv'f kpcn'f ug'f g'etwgu'*ej gpcn'f g'nqwgf 'cewng'Rtqdcdkk <sup>2</sup> '3 B2+' "	6/6; "
Hki wtg'6/"57	T <sup>2</sup> uwnv'f kpcn'f ug'f g'etwgu'*ej gpcn'f g'nqwgf 'cewng'Rtqdcdkk <sup>2</sup> '3 I42+' "	6/72"
Hki wtg'6/"58	T <sup>2</sup> uwnv'f kpcn'f ug'f g'etwgu'*ej gpcn'f g'nqwgf 'cewng'Rtqdcdkk <sup>2</sup> '3 I72+' "	6/73"
Hki wtg'6/"59	T <sup>2</sup> uwnv'f kpcn'f ug'f g'etwgu'*ej gpcn'f g'nqwgf 'cewng'Rtqdcdkk <sup>2</sup> '3 B22+' "	6/74"
Hki wtg'6/"5:	" T <sup>2</sup> uwnv'f kpcn'f ug'f g'etwgu'*ej gpcn'f g'nqwgf 'f g'r tqlgv.'Rtqdcdkk <sup>2</sup> '3 I7+' "	6/75"
Hki wtg'6/"5;	" T <sup>2</sup> uwnv'f kpcn'f ug'f g'etwgu'*ej gpcn'f g'nqwgf 'f g'r tqlgv.'Rtqdcdkk <sup>2</sup> '3 B2+'*gp'eqwtu'f g' ecrewn+	6/76"
Hki wtg'6/"62	T <sup>2</sup> uwnv'f kpcn'f ug'f g'etwgu'*ej gpcn'f g'nqwgf 'f g'r tqlgv.'Rtqdcdkk <sup>2</sup> '3 I42+'*gp'eqwtu'f g' ecrewn+	6/77"
Hki wtg'6/"63	T <sup>2</sup> uwnv'f kpcn'f ug'f g'etwgu'*ej gpcn'f g'nqwgf 'f g'r tqlgv.'Rtqdcdkk <sup>2</sup> '3 I72+'*gp'eqwtu'f g' ecrewn+	6/78"

Hki wtg'6/64"	T <sup>2</sup> uwncvf'æpcn'f'ug'f'g'etwgu'ej gpcn'f'g'nqwg'f'g'r'tqlgv.'Rtqdcdk <sup>2</sup> '3 B22+'*gp"eqwtu'f'g' ecrewn+	6/79"
Hki wtg'70/3"	Rrcp'f'øgpugo drg'f'g'ic'  qpg'f'æo <sup>2</sup> rkqtcwkq"	7/4"
Hki wtg'70/4"	Ugevkpu'v{r gu'}34_ '*2"<'54.57no 'S ? 822o 5 lu+	7/6"
Hki wtg'70/5"	Ugevkpu'v{r gu'}44_ '*54.57"<'86.; 9no 'S ? : 22'o 5 lu+	7/7"
Hki wtg'70/6"	Ugevkp'v{r gu'Qwg'f'Ej chtqwt"	7/8"
Hki wtg'70/7"	Ecrewif'w'hcvgw'f'g'u <sup>2</sup> ewk <sup>2</sup> 'o kpk wo 'f'cpu'ngzecxwkq"*J cwgw'f'g'ic'dgti g': o .r'gpvg' 3"4.'dgtog'5o 'f'g'icti g-	7/; "
Hki wtg'70/8"	Eqpuf <sup>2</sup> tcwkq'uej <sup>2</sup> o cks wg'f'g'ic'hcukugo gpv'f'cpu'ngpf'ki wgo gpv'tgo drkgo gpv'	7/32"
Hki wtg'70/9"	F <sup>2</sup> dk'o q{gp'f'cpu'ngu'ecpcwz'hwkxwz '*T <sup>2</sup> uwncvf'w'ecrewi'<'2'eqwgo gpv'kt <sup>2</sup> i wdg+ "	7/34"
Hki wtg'70/:"	Rrcp'f'g'utwewt'g'i <sup>2</sup> p <sup>2</sup> tcrg'f'gu'w'w'f'cwz'f'ø'enug'<'t'gpqwxgrt '*Ugevkq" φ : 22) "	7/38"
Hki wtg'70/;"	Rrcp'f'g'ic'utwewt'g'i <sup>2</sup> p <sup>2</sup> tcrg'f'gu'w'w'f'cwz'f'ø'enug'<'t'gpqwxgrt "	7/39"
Hki wtg'70/3"	Rrcp'f'w'r'tqlgv'f'g'dcuuk'f'g't'gctf go gpv'f'ØGriO cdvqj	7/3; "
Hki wtg'70/4"	Uej <sup>2</sup> o c'f'w'r'tqlgv'f'g'dcuuk'f'g't'gctf go gpv'f'ØGriO cdvqj "	7/42"
Hki wtg'70/5"	Xwg'r'ncpg'i <sup>2</sup> p <sup>2</sup> tcrg'f'w'dcttci g'f'g'f <sup>2</sup> xlcwkq'r'qwt'ig'dcuuk'f'g't'gctf go gpv'	7/43"
Hki wtg'70/6"	Xwg'f'g'hcrg'f'w'dcttci g'f'g'f <sup>2</sup> xlcwkq'r'qwt'ig'dcuuk'f'g't'gctf go gpv'g'veqwr'g'C/C"	7/44"
Hki wtg'70/7"	Eqwr'g'D/D'gv'E/E'f'w'dcttci g'f'g'f <sup>2</sup> xlcwkq'r'qwt'ig'dcuuk'f'g't'gctf go gpv'	7/45"
Hki wtg'70/8"	Rtqhk'u'gp'ngpi 'f'w'ecpn'f'g'f <sup>2</sup> ej cti g'g'v'f'w'ecpn'f'g'f'tclpci g"	7/46"
Hki wtg'70/9"	Rrcp'g'zr'hecwh'f'g'ic'o r'ncpv'wkq'f'gu'qwtci gu'cwz'gp'xk'qpu'f'w'Rqkpv' ⑦"	7/48"
Hki wtg'70/:"	Ugevkq'v{r g'f'w'ecpn'f'æ'hwgpeg"	7/4; "
Hki wtg'70/;"	Ugevkq'v{r g'f'w'ecpn'f'g'f <sup>2</sup> ej cti g'f'w'tqp±qp'gpvtg" ①" gv' ⑥"	7/52"
Hki wtg'70/32"	Ugevkq'v{r g'f'w'ecpn'f'g'f <sup>2</sup> ej cti g'f'w'tqp±qp'gpvtg" ⑥" gv' ⑦"	7/53"
Hki wtg'70/33"	Ugevkq'cewng'f'w'ej gpcn'f'w'tqp±qp'gpvtg" ⑦" gv' ⑩"	7/54"
Hki wtg'70/34"	Rrcp'i <sup>2</sup> p <sup>2</sup> tcn'f'w'dcttci g'f <sup>2</sup> xgtuqk"	7/58"
Hki wtg'70/35"	Rrcp'i <sup>2</sup> p <sup>2</sup> tcn'f'w'dcttci g'f <sup>2</sup> xgtuqk"	7/59"
Hki wtg'70/36"	F'ki wg'f <sup>2</sup> xgtuqk' <sup>2</sup> s wkr <sup>2</sup> 'f'g'xcppg'gv'f'ki wg'hwkdrg"	7/5; "
Hki wtg'70/37"	Rrcp'i <sup>2</sup> p <sup>2</sup> tcn'f'g'ng'wxtci g'f'g'eqpv'1/2'f'g'f <sup>2</sup> dkv*3+'Xwg'r'ncpg"	7/5; "
Hki wtg'70/38"	Rrcp'i <sup>2</sup> p <sup>2</sup> tcn'f'g'ng'wxtci g'f'g'eqpv'1/2'f'g'f <sup>2</sup> dkv*4+'Xcppg'f'w'ecpn'f'g'f <sup>2</sup> ej cti g"	7/62"
Hki wtg'70/39"	Rrcp'i <sup>2</sup> p <sup>2</sup> tcn'f'g'ng'wxtci g'f'g'eqpv'1/2'f'g'f <sup>2</sup> dkv*4+'Xcppg'f'w'ecpn'kpv <sup>2</sup> tlgwt"	7/63"
Hki wtg'70/3:"	E'cpcn'cwz'gp'xk'qpu'f'w'eqp'hwg'p'.'ugevkq'f'g'ic'p'qwxng'xcppg'f'g'f'tclpci g'gv'r'ncp'f'g' utwewt'g'i <sup>2</sup> p <sup>2</sup> tcrg"	7/64"
Hki wtg'70/3;"	Rrcp'f'g'uksw'wkq'f'æw'w'gu'qwtci gu'eqppgz gu	7/65"
Hki wtg'70/42"	Qwxtci gu'f'g'r'tqlgv'g'v'ngu'r'qkpw'f'g'uqpf'ci g'i <sup>2</sup> qmi'ks wg"	7/69"
Hki wtg'70/43"	Eqwej gu'f'g'uqnr't <sup>2</sup> uwo <sup>2</sup> gu'*Nqecrk <sup>2</sup> 'f'w'dcttci g'f'g'f <sup>2</sup> xlcwkq'gv'f <sup>2</sup> hgrgo gpv+ "	7/6; "
Hki wtg'70/44"	Eqwej gu'f'g'uqnr't <sup>2</sup> uwo <sup>2</sup> gu'*Nqecrk <sup>2</sup> 'f'g'ic'xcppg'f'g'eqpv'1/2'f'g'f <sup>2</sup> dkv+	7/73"
Hki wtg'70/45"	Eqwej gu'f'g'uqnr't <sup>2</sup> uwo <sup>2</sup> gu'*Nqecrk <sup>2</sup> 'f'g'ng'wxtci g'f'g'f <sup>2</sup> ej cti g-	7/75"
Hki wtg'70/3"	Eqpegr'v'i <sup>2</sup> p <sup>2</sup> tcn'f'w'u'w'v'o'g'U' EQJ VTCE '*2'cv'cewgn"	7/79"
Hki wtg'70/4"	Rtqe <sup>2</sup> f'wt'g'f'g'eqpv'1/2'f'g'gu'etwgu'f'ø'wp'dcttci g"	7/84"
Hki wtg'70/5"	Ect'g'f'ø'x'cew'wkq'f'g'f'g'f'c+	7/88"
Hki wtg'80/3"	Nqecrk'wkq'f'gu'r'qp'u'gz'k'w'cpv'	8/6"

Hki wtg'808/4"	Rncp'gzkucpv'f w'r qpv'f'g'VQDKU"	8/9"
Hki wtg'808/5"	Rncp'gzkucpv'f w'r qpv'f'g'LGF GFC"	8/:"
Hki wtg'808/6"	Rncp'gzkucpv'f w'r qpv'htgtqxlck'g'f'g'LGF GFC"	8/;"
Hki wtg'808/7"	Rj qv'f'g'ic'r'ic's w'g'f'wp'f'k'c'v'k'p'f'g'ic'f <sup>2</sup> uki p'c'v'k'p'f'g'eqpw'w'ek'p'u'f'ercu <sup>2</sup> gu'gp'c'p'v's w'g' dl'g'p'u'ew'w'g'ni'o c'v <sup>2</sup> t'g'ni'ko r'q't'c'p'u"	8/33"
Hki wtg'804/3"	Uej <sup>2</sup> o c'f'w'f'k'c'v'k'p'f'g'ic'g'q't'k'g'p'c'v'k'p'f'g'ic'w'ic'o <sup>2</sup> nk't'c'v'k'p'f'g'ic'g'u'r'q'p'u"	8/38"
Hki wtg'804/4"	Tqwg'u's w'k'o c'k'p'v'k'g'p'p'g'p'v'ic'ek't'ew'rd'k'k <sup>2</sup> "gp'ecu'f'g'et'w'g'u"	8/39"
Hki wtg'804/5"	Cr gt±w'f'w'r qpv'ercu <sup>2</sup> "<"ic'ec'v <sup>2</sup> i q't'k'g'C"	8/3:"
Hki wtg'804/6"	Cr gt±w'f'w'r qpv'ercu <sup>2</sup> "<"ic'ec'v <sup>2</sup> i q't'k'g'D"	8/3;"
Hki wtg'804/7"	Gp'f't'q'k'u'c'c'p'v'd'g'u'k'p'u'f'g'p'q'w'x'g'c'w'z'r'q'p'u"	8/43"
Hki wtg'804/8"	Rncp'f'g'ic'w'c'v'k'p'f'g'ic'g'u'r'q'p'u"<"co <sup>2</sup> pci gt'g'v'<"eqpw'w'k'g"	8/46"
Hki wtg'805/3"	c'v'c'ew'g'ni'f'w'r'q'p'v'f'g'MN'c'p'f'c'q'w'u"*: 04234+"	8/47"
Hki wtg'805/4"	Ur <sup>2</sup> ek'k'c'v'k'p'f'g'ic'g'o r'ic'ego gp'v'f'w'r'q'p'v'MN'c'p'f'c'N'Q'W'U'r'c't'w'p'p'q'w'x'g'c'w'r'q'p'v'	8/48"
Hki wtg'805/5"	c'v'c'ew'g'ni'f'g'ic'p'el'g'p'r'q'p'v'f'g'V'q'd'k'u"*: 04234+"	8/48"
Hki wtg'805/6"	Rq'k'k'q'p'u'f'g'u'eq'w'p'p'g'u'f'w'r'q'p'v'	8/49"
Hki wtg'805/7"	c'v'c'ew'g'ni'f'w'R'q'p'v'I R: 'u'w'ic'w'g'f'g'ic'g'lt'f'c'": 04234+"	8/4:"
Hki wtg'805/8"	F'q'o'o'c'i'g'u't <sup>2</sup> g'ni	8/4;"
Hki wtg'805/9"	c'v'c'ew'g'ni'f'g'ic'p'el'g'p'r'q'p'v'f'g'ic'g'ic'g'f'g'ic'g'lt'f'c'": 04234+"	8/52"
Hki wtg'805/:"	Go r'ic'ego gp'v'f'g'u'eq'w'p'p'g'u'f'w'r'q'p'v'	8/52"
Hki wtg'805/;"	c'v'c'ew'g'ni'f'w'r'q'p'v'f'g'ic'g'ic'g'f'g'ic'g'lt'f'c'": 04234+"	8/53"
Hki wtg'805/32"	c'v'c'ew'g'ni'f'w'r'q'p'v'f'g'ic'g'ic'g'f'g'ic'g'lt'f'c'": 04234+"	8/54"
Hki wtg'805/33"	c'v'c'ew'g'ni'f'w'r'q'p'v'I R9'u'w'ic'w'g'f'g'ic'c'lt'q'w'": 04234+"	8/55"
Hki wtg'805/34"	c'v'c'ew'g'ni'f'g'ic'p'el'g'p'r'q'p'v'I R9'u'w'ic'w'g'f'g'ic'c'lt'q'w'": 04234+"	8/56"
Hki wtg'805/35"	Go r'ic'ego gp'v'f'g'u'eq'w'p'p'g'u'f'w'r'q'p'v'	8/56"
Hki wtg'805/36"	c'v'c'ew'g'ni'f'w'r'q'p'v'f'g'ic'g'ic'g'f'g'ic'g'lt'f'c'": 04234+"	8/57"
Hki wtg'805/37"	Rj qv'f'w'r'q'p'v'f'g'ic'g'ic'g'f'g'ic'g'lt'f'c'": 04234+"	8/58"
Hki wtg'805/38"	Nq'ec'k'c'v'k'p'f'g'ic'g'u'r'q'p'u'P'q'0: 'g'v'44"	8/59"
Hki wtg'805/39"	Cr gt±w'f'w'p'r'q'p'v'ercu <sup>2</sup> "<"ic'ec'v <sup>2</sup> i q't'k'g'C"	8/5:"
Hki wtg'805/3:"	Nq'ec'k'c'v'k'p'f'g'ic'g'u'r'q'p'u'P'q'0; "<"43"	8/5;"
Hki wtg'805/3;"	Cr gt±w'f'g'u'r'q'p'u'ercu <sup>2</sup> u'<"ic'ec'v <sup>2</sup> i q't'k'g'D"	8/62"
Hki wtg'805/42"	c'v'c'ew'g'ni'f'w'r'q'p'v'I R: 'g'v't'q'w'g'ic'w'ic'w'g'f'g'ic'c'd'v'q'w'j'": 04234+"	8/63"
Hki wtg'805/43"	F'k'i'w'g'gz'k'uc'p'v'g'	8/64"
Hki wtg'806/3"	Ug'ev'k'p'f'g'ic'w'p'r'q'p'v'ic'w'p'ic'w'g'w'f'g'ic'ic'w'c'x <sup>2</sup> g'?47.2o +"	8/66"
Hki wtg'806/4"	Ug'ev'k'p'f'g'ic'w'p'r'q'p'v'ic'w'p'ic'w'g'w'f'g'ic'ic'w'c'x <sup>2</sup> g'?52.2o +"	8/67"
Hki wtg'806/5"	Ug'ev'k'p'f'g'ic'w'p'r'q'p'v'ic'w'p'ic'w'g'w'f'g'ic'ic'w'c'x <sup>2</sup> g'?57.2o +"	8/67"
Hki wtg'806/6"	Ug'ev'k'p'f'g'ic'w'p'r'q'p'v'	8/68"
Hki wtg'806/7"	Eq'w'p'p'g'g'p'ic'q't'o'g'f'g'o'w"	8/6:"
Hki wtg'807/3"	Rt'q'r'q'k'k'q'p'r'q'w't'ig'u't <sup>3</sup> i'ng'u'uk'uo'k's'w'g'u'w'p'k'k'g'p'p'g'u"	8/77"
Hki wtg'9/3"	E'c't'g'f'g'ic'ic'w'c'x <sup>2</sup> r'c't'v'k'k'q'p'f'g'ic'f'k'k'k'k'q'p'u'f'g'ic'w'c'x'c'w'z'"	'9/6"
Hki wtg'9/4"	X'q'k'g'u'r'q'w't'ig'u'w'c'x'c'w'z'"	9/34"

Hki wtg'9/'5''	Rqpv'ngo r qtckt g''	9/34''
Hki wtg'9/'6''	Dcvctf gcw'r ct'r cir rpej gu'gp'cekgt''	9/35''
Hki wtg'9/'7''	Xqlgu'r qwt 'ngu'tcxcwz 'tcxgtucpv'ig'eqwtu'f ogcw''	9/35''
Hki wtg'9/'8''	Rtqe <sup>2</sup> f <sup>2</sup> 'f g'ngezecxcvkp''	9/36''
Hki wtg'9/'9''	Rtqe <sup>2</sup> f <sup>2</sup> 'f g'ej cti go gpv'gv'f g'tcpur qt v''	9/36''
Hki wtg'9/'10''	Rtqe <sup>2</sup> f <sup>2</sup> 'f g'tgo drc { ci g''	9/37''
Hki wtg'9/'11''	Rtqe <sup>2</sup> f <sup>2</sup> 'f g'ngezecxcvkp'f g'hqpf cvkpu'f gu'qwtci gu''	9/38''
Hki wtg'9/'32''	Rtqe <sup>2</sup> f <sup>2</sup> 'f g'eqwci g'f g'd <sup>2</sup> vqp'r qwt 'ngu'qwtci gu''	9/38''
Hki wtg'9/'33''	Rtqe <sup>2</sup> f <sup>2</sup> 'f g'hqci g'g'v'eqwci g'f g'd <sup>2</sup> vqp'r qwt 'ngu'r kgwz''	9/39''
Hki wtg'9/'34''	Rtqe <sup>2</sup> f <sup>2</sup> 'f g'r qug'f gu'r qwt gw'gp'd <sup>2</sup> vqp'r t <sup>2</sup> hcdtk w' gu''	9/39''
Hki wtg'9/'35''	Gzgo r ng'f g'nko r rcpvcvkp'f g'n <sup>2</sup> s wkr go gpv'f g'etleu'gv'uw'r qt w't <sup>2</sup> i wv'gw'u'r qwt'' n <sup>2</sup> r <sup>2</sup> xcvkp'f g'r qp w''	9/3: ''
Hki wtg'9/'36''	Gzgo r ng'f g'nko r rcpvcvkp'f gu'etleu'r qwt n <sup>2</sup> r <sup>2</sup> xcvkp'f g'r qp w''uej <sup>2</sup> o c'tcpuxgtucn''	9/3; ''
Hki wtg'9/'37''	Gzgo r ng'f g'nko r rcpvcvkp'f gu'etleu'r qwt n <sup>2</sup> r <sup>2</sup> xcvkp'f g'r qp w''uej <sup>2</sup> o c'f <sup>2</sup> vckn <sup>2</sup> +''	9/3; ''
Hki wtg'9/'38''	Ukgu'ecpf kf cw'f g'f <sup>2</sup> r 1/2'f gu'uqni''	9/42''
Hki wtg'9/'39''	Cr gt±w'gej pls wg''	9/6: ''
Hki wtg'9/'3: ''	Cxcpego gpv'f g'hqci g'r ct'tcvcvkp'f g'n <sup>2</sup> r <sup>2</sup> o gpv'f g'r' r ct'kg'uw'r <sup>2</sup> tkgwt g''5+''	9/72''
Hki wtg'9/'3: ''	Etgwugo gpv'gto kp <sup>2</sup> ''	9/72''
Hki wtg'9/'42''	Cr gt±w'gej pls wg''	9/74''
Hki wtg'9/'43''	Eqo r ctckuq'cxge'rc'o <sup>2</sup> vj qf g'tcf kkkppgng''i cwej g''< o <sup>2</sup> vj qf g'tcf kkkppgng''f tqlkg''< o <sup>2</sup> vj qf g'r tqr qu <sup>2</sup> g+''	9/75''
Hki wtg'9/'44''	Uej <sup>2</sup> o c'eqpegr wgn'f g'eqpw'1/2'f gu'etwgu'gp'xki wgw't'f w'dcttci g'f g'Uk k'Ucrgo '' *qr <sup>2</sup> tcvkq'f g'xcppgu+''	9/78''
Hki wtg'9/'45''	U{uv <sup>2</sup> o g'f g'eqpw'1/2'f gu'etwgu'f w'dcttci g'f g'Uk k'Ucrgo '' *Co <sup>2</sup> r kqtcvkpu'cewnggo gpv'r tqr qu <sup>2</sup> gu'gv'U{uv <sup>2</sup> o g'hwwt+''	9/79''
Hki wtg': /'3''	F <sup>2</sup> tqwgo gpv'f w'f <sup>2</sup> o cttci g'f gu'r tqe <sup>2</sup> f wtu'f g'h'GKG'lwus w'k'rc'o kug'gp'ð wxt g'f w'r tqlgv. /: ''	
Hki wtg': /'4''	Ectv'f)go r nrego gpv'f gu'f <sup>2</sup> r i cvkpu''f gu'ugevgtu'ekdngu'f g'h <sup>2</sup> wf g'uqekq/2 eqpqo ks wg: /35''	
Hki wtg': /'5''	Vckng'o q{ gppg'f gu'o <sup>2</sup> pci gu'r ct'ugevgtw''*pqo dtg'f g'r gtuqppgu+''	9/36''
Hki wtg': /'6''	Ec <sup>2</sup> i qtkgu'f g'rc'r qr wv'vkp'cevkxg'f cpu'ej cewpg'f gu'f <sup>2</sup> r i cvkpu'f g'rc'   qpg'f g'h <sup>2</sup> wf g'r ct'' ugzg. 'ugevgt'lpf wutkg'n'gp'4226''	9/37''
Hki wtg': /'7''	Ec <sup>2</sup> i qtkgu'f g'tgxpwu'o q{ gpu'f gu'o <sup>2</sup> pci gu'r ct'f <sup>2</sup> r i cvkq''* f gu'o <sup>2</sup> pci gu'f g'h <sup>2</sup> wf g-: /38''	
Hki wtg': /'8''	Eqo r ctckuq'f w'cwz'f) s wkr go gpv'gp'dlgu'f qo gwks wgu'f gu'o <sup>2</sup> pci gu'f cpu'ej cewpg'f gu'' f <sup>2</sup> r i cvkpu'f g'rc'   qpg'f g'h <sup>2</sup> wf g'F \ G+gv'gp'Vwplkg'gp'4226''	9/39''
Hki wtg': /'9''	Rqwtgepvc i g'f g'o <sup>2</sup> pci gu'r tqr t <sup>2</sup> vkt gu'f g'ngw'ngi go gpv''* r ct'ugevgtw+''	9/42''
Hki wtg': /'10''	Tgrgx <sup>2</sup> 'qr qi tcr j ks w'gv'ectv'f g'f <sup>2</sup> r i kcvkq'f g'rc'   qpg'f g'r cteqwtu'f qo cplcn'f w'i ctegv'' Grl'O cdvqwj .r tqr qu <sup>2</sup> g'r ct'rc'FI H''gp'eqwtu'f g'hkpcrkcvkq+''	9/46''
Hki wtg': /'11''	Ukwcvkq'f w'r -wtci g'uw'ngu'gttgu'f qo cplcngu'f w'i ctegv'Grl'O cdvqwj ''*pqxgo dtg'4232=: /47''	
Hki wtg': /'32''	Ec <sup>2</sup> i qtkgu'f gu'lpf go pk <sup>2</sup> u'xgtu <sup>2</sup> gu'cwz'o <sup>2</sup> pci gu'upknt <sup>2</sup> u'r qwt 'ngu'f qo o ci gu'ecw <sup>2</sup> u'r ct'' nkpqpf cvkq'f g'4225'r ct'f <sup>2</sup> r i cvkq''	9/49''
Hki wtg': /'33''	Go r nrego gpv'f gu'vgttgu'j wo kf gu'f cpu'ngu'crgpvqwtu'f g'hqwgf 'O g'ltf c''	9/4: ''

Hki wtg': /"34"	vgpw'eqo r qu <sup>2</sup> g'f g'rc'rci wpg'I j ct'GriO gij 'gv'f w'f gnc'f g'rc'O gf lgtf c."gptgi kum <sup>2</sup> g'gp" vcpv's wg'ukg'Tco uct"	? /52"
Hki wtg': /"35"	vgpw'kpuetkg'uw'rc'rkng'f g'rc'Eqpxgpvkp'f g'Tco uct'f cpu'rc'dcuug'xcm <sup>2</sup> g'f g'nQwgf " O gf lgtf c"	? /53"
Hki wtg': /"36"	vgpw'f g'rc'o kug'gp'd wxtg'f w'r t <sup>2</sup> ugpv'r tqlgv'Ng'i ctegv'GriO cdvqwj "	? /53"
Hki wtg': /"37"	F <sup>2</sup> rko kcvkq'f w'i ctegv'GriO cdvqwj "	? /54"
Hki wtg': /"38"	Rj qqu'r cpqtco ks wgu'f w'e/2' pqt'f w'i ctegv'j qv'r tkug'gp'o ck'4233"<i cwej g.'gv'gp" pqxgo dtg'4232"<'f tqkg+"	? /54"
Hki wtg': /"39"	Vco ctzk'Vco ctlice <sup>2</sup> gu+f cpu'ig'rk'o clgw'f g'nQwgf 'O gf lgtf c"	? /58"
Hki wtg': /"3: "	F <sup>2</sup> ej cti g'ucwxi g'f g'f <sup>2</sup> ej gu'kpf wutkgn'f cpu'ig'i ctegv'GriO cdvqwj . 'f cpu'rc' l' qpg" f ogo r tkug'f w'r tqlgv'	? /59"
Hki wtg': /"3; "	Ectv'f g'ukwcvkq'f gu'ukgu'f g'uw'xgkmp'eg'f g'rc's wcrk <sup>2</sup> 'f g'ngcw'f cpu'ig'dcuuk'xgtucpv'f g' rc'O gf lgtf c"	? /: : "
Hki wtg': /"3""	Rrcp'f gu' l' qpgu'eqpegt <sup>2</sup> gu'rc't'ig'r rcp'f' co <sup>2</sup> pci go gpv'f cpu'ej cewpg'f gu'xkngu"	? /6"
Hki wtg': /"4""	Rtqe <sup>2</sup> f wtu'tgrvkgu'<'rc'f <sup>2</sup> rko kcvkq'f gu'vgttgu'r wdrks wgu"	? /7"
Hki wtg': /"5""	Qti cplucv'kpu'eqpegt <sup>2</sup> gu'lo r rks w <sup>2</sup> gu'f cpu'ncs wukv'kq'f gu'vgttclpu'g'v'rc't <sup>2</sup> kpuv'cvkq' f gu't <sup>2</sup> ukf gpw"	? /9"
Hki wtg': /"6""	Gzgo r r'g'f g'f <sup>2</sup> etgv'gv'f g'r tqem'o cvkq'f kpv <sup>2</sup> t' v'r wdrke'gp'rcpi w'gtki kpcrg'gp'j cw'cxge" uc'tcf wcvkq'gp'cpi rku'gp'dcu+"	? /37"
Hki wtg': /"7""	Rtlpek' gu'f g'dcug'f g'rc'LE C'ug'tcr r qtvcv'cwz 'r qrkks wgu'f g't <sup>2</sup> kpuv'cvkq'kpxqrpv'ckg" f gu't <sup>2</sup> ukf gpw"	? /39"
Hki wtg': /"8""	Rtlpek' gu'f ces wukv'kq'f gu'ukgu'f g't <sup>2</sup> kpuv'cvkq'f gu't <sup>2</sup> ukf gpw'f cpu'ig'ecf tg'f w'r t <sup>2</sup> ugpv' r tqlgv'	? /45"
Hki wtg'32/"3"	F kwtkdwkq'f w'f <sup>2</sup> dk'f g'r qlpv'g'f g'etw'g'r rcpk <sup>2</sup> 'q' qpg'F 4'<dcttci g'Nctqwuuk'/'r qpv' Mrcv'Ncpf cqw+ "	32/5"
Hki wtg'32/"4"	\ qpg'f g'o kug'gp'd wxtg'f w'r tqlgv'f co <sup>2</sup> rktcvkq'f g'nqwgf 'gv'f w'r tqlgv'f w'dcuuk'f g' tgctf go gpv'ugev'kpu'f gu'tcxwz 'gv'go r r'ego gpv'f gu'qpw'g'v'wxtci gu'f g' htcpej kugo gpw"	32/7"
Hki wtg'32/"5"	Qti cpli tco o g'f g'rc'F kgev'kq'I <sup>2</sup> p <sup>2</sup> tcr'f gu'Dcttci gu'gv'f gu'I tcpf u'Vtcxcwz " J {f tcwks wgu'F I DI VJ +"	32/3; "
Hki wtg'32/"6"	Qti cplucv'kq'g'v'hp'v'kppgo gpv'f g'nwM R"	32/42"
Hki wtg'33/"3"	Ectv'f g'wukv'kq'f gu'vgttgu'f cpu'rc' l' qpg'f kqpf cvkq'gpxkuci <sup>2</sup> g"	33/32"
Hki wtg'33/"4"	T <sup>2</sup> uwnv'f ocpn'f ug'f g'etw'g'u'ej gpcn'f g'nqwgf 'cewgn'Rtqdcdrk <sup>2</sup> '3 B2+ "	33/46"
Hki wtg'33/"5"	T <sup>2</sup> uwnv'f ocpn'f ug'f g'etw'g'u'Rtqdcdrk <sup>2</sup> '3 B2.'ej gpcn'f g'nqwgf 'f g'r tqlgv' "	33/47"

Nkng'f gu'vcdrgcwz "

Vcdrgcw'3/"3"	Cevkxk <sup>2</sup> u.'t <sup>2</sup> uwnv'g'v'qdlgev'ku'f g'nGwf g"	3/5"
Vcdrgcw'3/"4"	Eqo r qukkq'f g'n <sup>2</sup> s wkr g'f Gwf g'gv'r rppkpi 'f g'v'cxckr'	3/6"
Vcdrgcw'4/"3"	Ectce <sup>2</sup> tknks wgu'vqr qi tcr'j ks wgu'f gu'gpxk'qpu'f g'nqwgf 'O glgtf c'f cpu'rc't <sup>2</sup> i kq'f g" n'j w'f g'qpg'F 4+ "	4/4"

Vcdrgcw/4/"4"	Ectce <sup>2</sup> t'kuk'wgu'f'gu'dcttci'gu'f'w'dcuuk'f'g'hqwgf'O glgtf'c"	4/;
Vcdrgcw/4/"5"	Rqpvu'gv'qwtci'gu'f'g'htcej'kuogo'gpv'gz'kuwpu"	4/38"
Vcdrgcw/4/"6"	Nkug'f'gu'r'qpvu'gv'qwtci'gu'f'g'htcej'kuogo'gpv'f'qpv'ic'tgeqput'wekqp'q'w'ic'p'qwx'gmg"	4/3: "
Vcdrgcw/4/"7"	Nkug'f'gu'eqpf'wkgu'f'ogcw'f'qpv'ic'tgeqput'wekqp'q'w'ic'p'qwx'gmg'eqput'wekqp'gu'f't <sup>2</sup> xwg"	4/42"
Vcdrgcw/4/"8"	Nkug'f'gu'r'tlpek'cwz'qwtci'gu'f'w'dcuuk'f'g'tgwctf'go'gpv'f'Gri'O'cdvqj'gv'f'g'hqwgf'"	4/44"
Vcdrgcw/4/"9"	Etgwu'r'cuu <sup>2</sup> gu'f'cpu'ig'dcuuk'f'g'hqwgf'O glgtf'c"	4/46"
Vcdrgcw/4/" :	F <sup>2</sup> dk'gp'wcpv'gv'f <sup>2</sup> dk't'gukw <sup>2</sup> 'r'ct'ig'dcttci'g'f'g'Uk'k'Ucrgo'ngtu'f'gu'etwgu'f'g'lcp'xkt"	4/49"
Vcdrgcw/4/" ; "	Cr'gt±w'f'gu'r'tlpek'crgu'etwgu"	4/53"
Vcdrgcw/4/"32"	Etgwu'gptgi'kut <sup>2</sup> gu'f'gr'wku'3; 22"	4/54"
Vcdrgcw/5/"3"	Vcdrgcw'u{pqr'vks'wg'f'w'r'gtuqppgnif'g'ic'FI'DI'VJ' "	5/: "
Vcdrgcw/5/"4"	T <sup>2</sup> uwo <sup>2</sup> 'f'gu'r't <sup>2</sup> e <sup>2</sup> f'gpv'u'tcxwz'f'ogwgf'"	5/36"
Vcdrgcw/5/"5"	T <sup>2</sup> uwo <sup>2</sup> 'f'gu'v'tcxwz'f'g'dcttci'g'*eqpw'v'ig'f'gu'etwgu+	5/39"
Vcdrgcw/5/"6"	Ucwkpu'f'ogdugt'xcwkqp'f'w'U'EQJ'VTCE'gv'ngu' <sup>2</sup> if'o'gpv'f'g'o'gwmg'FI'TG+	5/42"
Vcdrgcw/5/"7"	P'qo'dt'g'f'g'ucwkpu'f'ogdugt'xcwkqp'r'nw'kqo <sup>2</sup> v'tks'wgu'gv'w'r'g'hel'g'eqw'gt'v'ic't'ucwkqp'"	5/43"
Vcdrgcw/5/"8"	Eqpf'kkpu'f'g'f'kur'qukkqp'f'gu'ucwkpu'f'ogdugt'xcwkqp'f'w'pkx'gcw'f'ogcw'f'cpu'nqwgf'"	5/45"
Vcdrgcw/5/"9"	Ucwkpu'cf'f'kkppgngu'f'g'o'gwmg'gu'f'w'pkx'gcw'f'ogcw'f'cpu'nqwgf'O glgtf'c"	5/45"
Vcdrgcw/5/" :	Vgo'r'u'f'g'r'tqr'ci'wkqp'f'gu'kqpf'cwkpu'*pqto'g'f'g'Uk'k'Ucrgo' +"	5/46"
Vcdrgcw/5/" ; "	Rtqdr' o'gu'gv'uq'nw'kpu'eqpegt'pcpv'ig'u{u <sup>2</sup> o'g'gv'ic'o'ckp'vpcpeg'f'w'U'EQJ'VTCE'5/47"	5/47"
Vcdrgcw/5/"32"	Eqo'r'qukkqp'f'g'ic'Eqo'o'kuukqp'pcwkpcrg'f'g'i'gwakp'f'gu'ec'xwt'qr'j'gu'"	5/48"
Vcdrgcw/5/"33"	P'kx'gcwz'f'og'ngt'v'f'gu'ucwkpu'f'ogdugt'xcwkqp'f'w'pkx'gcw'f'ogcw'"	5/52"
Vcdrgcw/5/"34"	P'qo'dt'g'f'g'egpv'gu'f'og'x'cew'wkqp'gv'ecr'cek <sup>2</sup> 'f'og'x'cew'wkqp'gp'ecu'f'og'kqpf'cwkqp'f'g'nqwgf'"	5/54"
Vcdrgcw/5/"35"	Rtqdr' o'gu'eqpegt'pcpv'ig'u <sup>2</sup> x'cew'wkqp'gp'ecu'f'og'kqpf'cwkqp.'ig'ic'pego'gpv'f'gu'crgt'v'gu'gv'"	5/55"
Vcdrgcw/5/"36"	T <sup>2</sup> uwo <sup>2</sup> 'f'w'r'tql'gv'Vw'pku'Dc{ 'Hk'p'ceki'J'ctd'qwt'"	5/64"
Vcdrgcw/6/"3"	F'qpp <sup>2</sup> gu'f'g'h'xtr'gp'vci'g'f'w'ej'gpcil'"	6/6"
Vcdrgcw/6/"4"	Eqpf'kkpu'f'g'ecr'ewil'j' {f'tq'ni'ks'wg'"	6/7"
Vcdrgcw/6/"5"	F'khi <sup>2</sup> t'gp'u'qwtci'gu'"	6/9"
Vcdrgcw/6/"6"	Eqpf'kkpu'r'qwt'ig'ecr'ewil'j' {f'tq'ni'ks'wg'"	6/42"
Vcdrgcw/6/"7"	O <sup>2</sup> v'j'qf'g'f'og'pcn'ug'f'g'et'wgu'"	6/49"
Vcdrgcw/6/"8"	F'qpp <sup>2</sup> gu'v'qr'qi'ter'j'ks'wgu'"	6/4; "
Vcdrgcw/6/"9"	Gri'o'gpv'u'r'qwt'ic'vcd'kuogo'gpv'f'w'o'ckmci'g'"	6/55"
Vcdrgcw/6/" :	Gz'go'r'ngu'f <sup>2</sup> v'gto'kpcpv'ig'v'cwz'f'og'ee'w'wkqp'f'w'uq'rif'gu'd'w'o'gpv'"	6/5: "
Vcdrgcw/6/" ; "	Eqpf'kkpu'f'g'ecr'ewil'"	6/64"

Vcdrgcw'6/"32"	Eqpf kkpuf'f g'ecrewi'	6/67"
Vcdrgcw'708/3"	Hicpe/dqtf "gv'rcti gwt'f g'et'vg"	7/5"
Vcdrgcw'708/4"	F kwt.kdwtkq'f gu'eqwej gu'o qngu'	7/9"
Vcdrgcw'708/5"	Hcevgw'f g'u <sup>2</sup> ewk <sup>2</sup> 'f g'rc'r gpvg'f g'rc'dgti g'f cpu'hwzecxv'kq'f g'r tqlgv'Eqpuk <sup>2</sup> tcv'kq' hckg'wpls wgo gpv'f cpu'igu'eqpf kkpuf'pqtu' crgu+'	7/: "
Vcdrgcw'708/6"	Hcevgw'f g'u <sup>2</sup> ewk <sup>2</sup> 'f g'rc'dgti g'f g'7o 'f g'j cw'gp'hwpev'kq'f g'rc'xctk'v'kq'f gu'r gpv'gu' *Eqpuk <sup>2</sup> tcv'kq' hckg'wpls wgo gpv'f cpu'igu'eqpf kkpuf'pqtu' crgu+'	7/: "
Vcdrgcw'708/7"	Eqpuk <sup>2</sup> tcv'kq' i <sup>2</sup> p <sup>2</sup> tcr'g'f g'hc'hc'ku'go gpv'f w'uqnf'f cpu'hwz'p'f ki wgo gpv'tgo drc'go gpv'Ukg' f w'r qpv'Mc'rcv'Ncpf crgwu+'	7/33"
Vcdrgcw'708/8"	Eqpuk <sup>2</sup> tcv'kq' i <sup>2</sup> p <sup>2</sup> tcr'g'f g'hc'hc'ku'go gpv'f w'uqnf'f cpu'hwz'p'f ki wgo gpv'tgo drc'go gpv'Ukg' f w'r qpv'tq'w'kt'I R: +'	7/33"
Vcdrgcw'708/9"	Vcdrgcw'f g'u <sup>2</sup> rge'v'kq'f gu'tcxcwz'f g'tgx'vgo gpv'	7/35"
Vcdrgcw'708/: "	Uge'v'kq'f gu'w'f cwz'f g'Ø enwug'*pqw'gng'go gpv'kpu'cn'f u+'	7/37"
Vcdrgcw'704/3"	Rt'q'k'u'gp'hwpi 'f g'r tqlgv'f w'ecp'nf g'f <sup>2</sup> ej cti g'gv'f w'ecp'nf g'f tcl'pci g'	7/46"
Vcdrgcw'704/4"	Ec'rew'f g'f gi t <sup>2</sup> 'f q'w'x'gt'wt'g'f g'rc'xc'p'p'g'f g'eqpv'1/2'g'f g'f <sup>2</sup> dk'	7/56"
Vcdrgcw'708/3"	O gumt gu'p'q'p'ut wewt'crgu'eqp±wgu'f cpu'igu' <sup>2</sup> w'f gu'gz'k'nc'p'v'gu'f g'rc'LEEC"	7/77"
Vcdrgcw'708/4"	Eq'Av'f gu'o cv <sup>2</sup> t'k'gn'j { f tq'ni ks wgu'w'r r r <sup>2</sup> o gp'v'k'gu'f w'U' EQJ VTCE"	7/7: "
Vcdrgcw'708/5"	Eq'Av'f æo <sup>2</sup> r'k'q'tc'v'kq'f w'u'f u <sup>3</sup> o g'f g'i gw'k'p'f gu'dcttci gu'	7/7: "
Vcdrgcw'708/6"	Eqo r qucp'v'gu'r t <sup>2</sup> xwgu'f cpu'rc'eq'p'egr v'kq'r qwt'rc'o <sup>2</sup> r'k'q'tc'v'kq'f w'u'f u <sup>3</sup> o g' U' EQJ VTCE"	7/7; "
Vcdrgcw'708/7"	U'f u <sup>3</sup> o g'f g'i gw'k'p'f gu'et'w'gu'f w'dcttci g'f g'U'k'k'U'crgo "	7/85"
Vcdrgcw'708/8"	Eqo r qucp'v'gu'r t <sup>2</sup> xwgu'f cpu'rc'o <sup>2</sup> r'k'q'tc'v'kq'f w'u'f u <sup>3</sup> o g'f æ'rg't'v'g'v'rc'eq'p'egr v'kq'f g'rc' ug'p'ud'k'k'v'kq'f g'rc'eq'p'ue'g'peg'eqo o w'p'cw'c'k'g'<'rc'hw'w'g'eq'p'v'g'igu'k'q'p'f'cv'k'p'u'	7/89"
Vcdrgcw'708/9"	Eqo r qucp'v'gu'r qwt'rc'o <sup>2</sup> r'k'q'tc'v'kq'f q'ti c'p'k'v'k'q'p'p'g'ng'g'v'k'p'w'k'w'k'q'p'p'g'ng'f <sup>2</sup> x'gn'r r go gpv' f g'rc'ecr'cek <sup>2</sup> "	7/8: "
Vcdrgcw'708/;	Eqo r qucp'v'gu'r <"eq'p'uk <sup>2</sup> t'gt'r qwt'ig't'g'p'ht'ego gpv'q'ti c'p'k'v'k'q'p'p'g'ng'g'v'k'p'w'k'w'k'q'p'p'g'ng'f <sup>2</sup> x'gn'r r go gpv'f g' rc'ecr'cek <sup>2</sup> "	7/8: "
Vcdrgcw'708/32"	O gumt gu'p'q'p'ut wewt'crgu'o k'gu'gp'ò w'x't'g'r qwt'ig'r tq'lgv'f g'eqpv'1/2'g'f gu'et'w'gu'f g'hw'q'w'f " O glgtf c"	7/8; "
Vcdrgcw'808/3"	R'q'p'u'gz'k'nc'p'u'	8/4"
Vcdrgcw'808/4"	Q'ti c'p'k'uo gu'ej cti <sup>2</sup> u'f g'rc'i gw'k'p'f gu'r q'p'u'g'v'c'w't'gu'q'w'x't'ci gu'ut wewt'cwz'	8/7"
Vcdrgcw'808/5"	N'k'ug'f gu'r q'p'u'g'v'f gu'q'ti c'p'k'uo gu'eqo r <sup>2</sup> v'g'p'u'	8/7"
Vcdrgcw'808/6"	R'q'p'u'f q'p'v'gu'r r'c'p'u'eq'p'egr w'gn'u'q'p'v'eq'p'ht'o <sup>2</sup> u'	8/8"
Vcdrgcw'808/7"	R'q'p'u'f <sup>2</sup> u'ki p <sup>2</sup> u'eq'p'ut wewt'crgu'eq'p'v'gu'gp'v'c'p'v's w'g'd'k'g'p'u'ew'w't'gn'u'o cv <sup>2</sup> t'k'gn'k'o r q't'c'p'u'8/32"	
Vcdrgcw'808/8"	l'cv'c'ew'gn'f g'ej cs w'g'r q'p'v'	8/34"
Vcdrgcw'808/9"	T <sup>2</sup> u'w'nc'v'f g'rc'x <sup>2</sup> t'k'ec'v'kq'f gu'ecr'cek <sup>2</sup> u'f g'f <sup>2</sup> ej cti g'f g'rc'p'u'gz'k'nc'p'u'	8/36"
Vcdrgcw'808/: "	R'q'k'p'u'r t'q'd'r' o c'v'ks w'gu'f gu'r q'p'u'gz'k'nc'p'u'	8/37"
Vcdrgcw'804/3"	Ec'v'i q't'k'gu'f gu'r q'p'u'p'q'w'g'ng'go gpv'kpu'cn'f u'	8/39"
Vcdrgcw'804/4"	T <sup>2</sup> u'w'nc'v'f g'rc'x <sup>2</sup> t'k'ec'v'kq'f gu'q't'k'g'p'v'k'q'p'u'r qwt'rc'o <sup>2</sup> r'k'q'tc'v'kq'f gu'r q'p'u'	8/42"
Vcdrgcw'804/5"	N'k'ug'f gu'r q'p'u'<"co <sup>2</sup> p'ci gt"	8/44"

Vcdrgcw'80/6"	Nkug'f g'pqo dtgu'f g'r qpV'	8/45"
Vcdrgcw'80/3"	T <sup>2</sup> cikucvku'f g'uwr gtut we wt gu'br qwt g'r t <sup>2</sup> /eqw? g'gp'K'	8/64"
Vcdrgcw'80/4"	V{r gu'f g'ew? g'gv'j cwgwu'u'xcpf ctf "	8/69"
Vcdrgcw'80/5"	Eqwej gu'r qtvcv'gu'	8/6; "
Vcdrgcw'80/3"	P qto gu'gv <sup>3</sup> i ngo gpw'eqpegtpcpv'ig'ecrewif gu'qwtci gu'gp'd <sup>2</sup> vqp"	8/74"
Vcdrgcw'80/4"	T <sup>3</sup> i ngu'eqpegtpcpv'ic'eqpegr vku'j {f tqm i ks w'f gu'r qpw'f w'f g'v'gej pls w'f w'UGVTC-8/75"	
Vcdrgcw'80/5"	Rtqe <sup>2</sup> f <sup>2</sup> 'f'f <sup>2</sup> vgo kpcvku'f gu'j cwgwu'f g'icpe/dqtf "p qto gu'icr qpckugu'"	8/76"
Vcdrgcw'9/"3"	Eqv'gpw'f gu'tcxcwz 'f w'r tqlgv'f xco <sup>2</sup> nkqtcvku'f g'nqwgf 'O gf lgtf c"	9/3"
Vcdrgcw'9/"4"	T <sup>2</sup> r ct vku'f gu'f kxkukpu'f gu'tcxcwz "	9/5"
Vcdrgcw'9/"5"	V{r gu'f gu'r tlpekr cwz 't cxcwz 'r ct 'f kxkukp "	9/7"
Vcdrgcw'9/"6"	S wcpvk <sup>2</sup> 'f gu'tcxcwz 'r ct 'v'f r g'f gu'tcxcwz 'f g'nqwgf "	9/7"
Vcdrgcw'9/"7"	T <sup>2</sup> r ct vku'f g'uwr gthekgu'f gu'vgttckpu'«ces w <sup>2</sup> tk "	9/8"
Vcdrgcw'9/"8"	Vgttckpu'r qwt 'n'p'f go plucvku'r qwt 'ngu'j cdkscpw't <sup>2</sup> kpuv'c' u'	9/8"
Vcdrgcw'9/"9"	Ukg'ecpf kf cvP q0'f g'f <sup>2</sup> r 1/2'f gu'uqnu'	9/43"
Vcdrgcw'9/": "	Ukg'ecpf kf cvP q0'f g'f <sup>2</sup> r 1/2'f gu'uqnu'	9/43"
Vcdrgcw'9/"; "	Ukg'ecpf kf cvP q0'f g'f <sup>2</sup> r 1/2'f gu'uqnu'	9/44"
Vcdrgcw'9/"32"	Rrcppkpi 'f xgz <sup>2</sup> ewkqp'f gu'tcxcwz " " F kxkukp'K'f gu'tcxcwz 'f g'nqwgf "	9/45"
Vcdrgcw'9/"33"	Rrcppkpi 'f xgz <sup>2</sup> ewkqp'f gu'tcxcwz " " F kxkukp'KK'f gu'tcxcwz 'f g'nqwgf "	9/45"
Vcdrgcw'9/"34"	Rrcppkpi 'f xgz <sup>2</sup> ewkqp'f gu'tcxcwz " " F kxkukp'KKK'f gu'tcxcwz 'f g'nqwgf "	9/46"
Vcdrgcw'9/"35"	T <sup>2</sup> r ct vku'f gu'o qppckgu'o qppckg <sup>2</sup> v'cpi <sup>3</sup> tglb qppckg'iqecrg-'r ct 'r tlpekr cwz 'v'f r gu'f g' t cxcwz "IDIE."UCRTQH"	9/4: "
Vcdrgcw'9/"36"	Nkug'f g'r tlz 'w'pkckt gu'r qwt 'ig'ecrewif g'eq'Aw'f gu'tcxcwz "3+"	9/4; "
Vcdrgcw'9/"37"	Nkug'f g'r tlz 'w'pkckt gu'r qwt 'ig'ecrewif g'eq'Aw'f gu'tcxcwz "4+"	9/52"
Vcdrgcw'9/"38"	Nkug'f g'r tlz 'w'pkckt gu'r qwt 'ig'ecrewif g'eq'Aw'f gu'tcxcwz "5+"	9/53"
Vcdrgcw'9/"39"	Nkug'f g's wcpvk <sup>2</sup> u'f gu'tcxcwz 'r qwt 'ig'ecrewif g'eq'Aw'f gu'tcxcwz "F kxkukp'K'3+"	9/54"
Vcdrgcw'9/"3: "	Nkug'f g's wcpvk <sup>2</sup> u'f gu'tcxcwz 'r qwt 'ig'ecrewif g'eq'Aw'f gu'tcxcwz "F kxkukp'K'4+"	9/55"
Vcdrgcw'9/"3: "	Nkug'f g's wcpvk <sup>2</sup> u'f gu'tcxcwz 'r qwt 'ig'ecrewif g'eq'Aw'f gu'tcxcwz "F kxkukp'K'5+"	9/56"
Vcdrgcw'9/"42"	Nkug'f g's wcpvk <sup>2</sup> u'f gu'tcxcwz 'r qwt 'ig'ecrewif g'eq'Aw'f gu'tcxcwz "F kxkukp'KK'3+"	9/57"
Vcdrgcw'9/"43"	Nkug'f g's wcpvk <sup>2</sup> u'f gu'tcxcwz 'r qwt 'ig'ecrewif g'eq'Aw'f gu'tcxcwz "F kxkukp'KK'4+"	9/58"
Vcdrgcw'9/"44"	Nkug'f g's wcpvk <sup>2</sup> u'f gu'tcxcwz 'r qwt 'ig'ecrewif g'eq'Aw'f gu'tcxcwz "F kxkukp'KK'5+"	9/59"
Vcdrgcw'9/"45"	Nkug'f g's wcpvk <sup>2</sup> u'f gu'tcxcwz 'r qwt 'ig'ecrewif g'eq'Aw'f gu'tcxcwz "F kxkukp'KK'6+"	9/5: "
Vcdrgcw'9/"46"	Nkug'f g's wcpvk <sup>2</sup> u'f gu'tcxcwz 'r qwt 'ig'ecrewif g'eq'Aw'f gu'tcxcwz "F kxkukp'KK'7+"	9/5; "
Vcdrgcw'9/"47"	Nkug'f g's wcpvk <sup>2</sup> u'f gu'tcxcwz 'r qwt 'ig'ecrewif g'eq'Aw'f gu'tcxcwz "F kxkukp'KK'8+"	9/62"
Vcdrgcw'9/"48"	Nkug'f g's wcpvk <sup>2</sup> u'f gu'tcxcwz 'r qwt 'ig'ecrewif g'eq'Aw'f gu'tcxcwz "F kxkukp'KKK'3+"	9/63"
Vcdrgcw'9/"49"	Nkug'f g's wcpvk <sup>2</sup> u'f gu'tcxcwz 'r qwt 'ig'ecrewif g'eq'Aw'f gu'tcxcwz "F kxkukp'KKK'4+"	9/64"
Vcdrgcw'9/"4: "	Nkug'f g's wcpvk <sup>2</sup> u'f gu'tcxcwz 'r qwt 'ig'ecrewif g'eq'Aw'f gu'tcxcwz "F kxkukp'KKK'5+"	9/65"
Vcdrgcw'9/"4: "	Nkug'f g's wcpvk <sup>2</sup> u'f gu'tcxcwz 'r qwt 'ig'ecrewif g'eq'Aw'f gu'tcxcwz "F kxkukp'KK'"	9/65"
Vcdrgcw'9/"52"	Eq'Av'qvcif w'Rtqlgv'	9/66"
Vcdrgcw'9/"53"	Eq'Av'f w'r tqlgv'r ct 'f kxkukpu'Uge'vku'f xco <sup>2</sup> nkqtcvku'f g'tkxk <sup>2</sup> t g'K'	9/67"
Vcdrgcw'9/"54"	Eq'Av'f w'r tqlgv'r ct 'f kxkukpu'Uge'vku'f xco <sup>2</sup> nkqtcvku'f g'tkxk <sup>2</sup> t g'KK'	9/67"

Vcdrgcw9/"55"	Eq <sup>2</sup> v'f w'r tqlgv'r ct'f kxkukpu' <sup>2</sup> Ugevkp'f oco <sup>2</sup> rktcvkq'f g'tkxk <sup>2</sup> t g'kkk'	9/68"
Vcdrgcw9/"56"	Eq <sup>2</sup> v'f w'r tqlgv'r ct'f kxkukpu' <sup>2</sup> txcwz'f gu'xcppgu"	9/68"
Vcdrgcw9/"57"	Eq <sup>2</sup> v'f oces wukkkp'f g'vgttckp"	9/68"
Vcdrgcw9/"58"	Htcku'f g'ugt xkegu'f g'eqpugk'	9/69"
Vcdrgcw9/"59"	Eqo rctcukqp'gpvt g'rc'o <sup>2</sup> vj qf g'v'ctf kkkppgmg'gv'rc'o <sup>2</sup> vj qf g'r tqr qu <sup>2</sup> g'	9/73"
Vcdrgcw9/"5:"	Eqo rctcukqp'gpvt g'rc'o <sup>2</sup> vj qf g'v'ctf kkkppgmg'gv'rc'o <sup>2</sup> vj qf g'r tqr qu <sup>2</sup> g'	9/76"
Vcdrgcw9/"5;"	Eq <sup>2</sup> v'f qwt'ig'ni lekgn'f w'u{uv <sup>2</sup> o g'f g'i gukqp'f g'dcttci g'f cpu'wp'dcttci g'f g'r gvkg'vckmg' cw'Lcr qp"	9/7:"
Vcdrgcw: /"3"	F <sup>2</sup> etgv'p <sup>2</sup> 4227/3; ; 3'tgrv'k'«'n <sup>2</sup> wf g'f o rcev'uw' hngpxk qppgo gpv'	:/4"
Vcdrgcw: /"4"	Cr gt±w'f gu'eqpuk <sup>2</sup> tcvkpu'gpv'k qppgo gpvcng'f cpu'ig'eqf g'hqt gukgt'gv'ig'eqf g'f g' nco <sup>2</sup> pci go gpv'f w'vgttkkqk'g'v'f g'hwt dcpkwo g'	:/7"
Vcdrgcw: /"5"	Nqku'pcv'kpcrgu'gv'eqpxgpv'kpu'kpv'gpcv'kpcrgu't grv'kxgu'«'rc'r tqv'gevkp'f g' hngpxk qppgo gpv'pcw'gn'	:/;"
Vcdrgcw: /"6"	Nkug'f gu'r ctegrgu'f cpu'rc'  qpg'f g'h <sup>2</sup> wf g'r ct'etk <sup>2</sup> t g'Tugevgt"	:/33"
Vcdrgcw: /"7"	Fkvtldwkqp'i <sup>2</sup> qi tcr j ks wg'f gu'o <sup>2</sup> pci gu'gv'r qwtegpvci g'f gu'o <sup>2</sup> pci gu'f g'h <sup>2</sup> wf g'	:/34"
Vcdrgcw: /"8"	Ec <sup>2</sup> i qtkgu'f g'h <sup>2</sup> wf g'uqek/2 eqpgo ks wg"	:/35"
Vcdrgcw: /"9"	Ec <sup>2</sup> i qtkgu'f gu'uqtegu'f g'tgxgpwu'f gu'o <sup>2</sup> pci gu'r ct'f <sup>2</sup> r i cvkqp' r qwtegpvci g' <sup>2</sup> +f'g' r gtuqppgu'cev'kxgu'c {cpv'f gu'tgxgpwu"	:/37"
Vcdrgcw: /"0:"	P qo dtg'f g'v'v'gu'f g'd <sup>2</sup> vckn'r ct'o <sup>2</sup> pci g'f cpu'ej cewp'f gu'ugevgtu"	:/38"
Vcdrgcw: /"0;"	O qf gu'f) r r t xkukppgo gpv'gp'gcw'r qvcdrg'gv'cwz'f g'i <sup>2</sup> p <sup>2</sup> tcrkucv'kqp'f g'h'cee <sup>3</sup> u'«" n <sup>2</sup> rgevtlek <sup>2</sup> 'r ct'f <sup>2</sup> r i cvkqp'Tugevgt' <sup>2</sup> +"	:/3:"
Vcdrgcw: /"32"	Hqto g'f g'r tqr tk <sup>2</sup> v <sup>2</sup> 'f gu'vgttckpu'ci tleqng'ig'hqpi 'f g'hQwgf "O gf lgtf c'r ct'ugevgt" *pqo dtg'f g'o <sup>2</sup> pci gu'c {cpv't <sup>2</sup> r qpf w'«'rc's wgu'kq+"	:/3;"
Vcdrgcw: /"33"	P qo dtg'f g'o <sup>2</sup> pci gu'v'cxckmcpv'rc'vgtt'f g'f g'rc'o clgw'f g'hqwgf "O gf lgtf c'q'w'«" r tqzko k <sup>2</sup> "	:/43"
Vcdrgcw: /"34"	T <sup>2</sup> r ct'v'kqp'r ct'ugevgt'f gu'j cdckcvkpu'ukw <sup>2</sup> gu'«'o qkpu'f g'372o 'f g'hqwgf *pqo dtg'f g' o <sup>2</sup> pci gu+"	:/43"
Vcdrgcw: /"35"	J cwewt'f) gcw'gv'f wt <sup>2</sup> g'f g'hkqpf cvkqp'ntu'f w'ukp'kmg'f g'4225"	:/47"
Vcdrgcw: /"36"	T <sup>2</sup> r ct'v'kqp'f gu'j cdckcvkpu'f cpu'ngu'  qpgu'kqpf cdngu'I  qpgu'co <sup>2</sup> pci <sup>2</sup> gu'r ct'ugevgt" *pqo dtg'f g'o <sup>2</sup> pci gu+"	:/48"
Vcdrgcw: /"37"	O qpvcv'guk <sup>2</sup> 'f gu'f qo o ci gu'ecw <sup>2</sup> u'r ct'v'kqpf cvkqp'f g'4225'cwz'o <sup>2</sup> pci gu'gv' pqo dtg'f g'o <sup>2</sup> pci gu'c {cpv <sup>2</sup> v' 'lpf go pl <sup>2</sup> u"	:/48"
Vcdrgcw: /"38"	Gur <sup>3</sup> egu'f o'kugcwz' r t <sup>2</sup> ugpw'f cpu'rc'  qpg'f o' wf g'gv'ectce <sup>2</sup> tkucv'kqp'f g'rgw't'ko r qtvcpeg" dlqmi ks wg"	:/55"
Vcdrgcw: /"39"	Gur <sup>3</sup> egu'f g'r qkukqp'cwqej vqpgu'r t <sup>2</sup> ugpv'gu'f cpu'rc'Qwgf "O gf lgtf c'gv'ectce <sup>2</sup> tkucv'kqp'f g' rgw't'ko r qtvcpeg'dlqmi ks wg"	:/57"
Vcdrgcw: /"3:"	Gzco gp'f gu'qr v'kpu"	:/5:"
Vcdrgcw: /"3;"	T <sup>2</sup> uw'ncu'f w'ecf tci g'f gu'eqpuk <sup>2</sup> tcvkpu'gpv'k qppgo gpvcngu'gv'uqekrgu'	:/62"
Vcdrgcw: /"42"	Vgto gu'f g't <sup>2</sup> l <sup>2</sup> t'gpeg'f g'h <sup>2</sup> wf g'f gu'eqpuk <sup>2</sup> tcvkpu'gpv'k qppgo gpvcngu'gv'uqekrgu' <sup>2</sup> VF T <sup>2</sup> /72"	:/72"
Vcdrgcw: /"43"	T <sup>2</sup> uw'ncu'f g'h <sup>2</sup> xcncv'kqp'f gu'ko r cev'gpv'k qppgo gpvcwz'gv'uqekwz'f w'r tqlgv'	:/75"

Vcdrgcw': /"44"	Rrcpu'f g'i gukqp'gpxktqppgo gpvcrg"	"/92"
Vcdrgcw': /"45"	Gzco gp'f gu'r tqlgv'f g'i <sup>2</sup> plg'ekxkt'gr t <sup>2</sup> ugpvcv'wp'r qvgpvkn'r qwt 'rc'xcnrtkucv'kqp'f gu' u <sup>2</sup> f lo gpw'gzecx <sup>2</sup> u"	"/9: "
Vcdrgcw': /"46"	Rrcp'f g'uwxk'gpxktqppgo gpvcn'	"/: 4"
Vcdrgcw': /"47"	Eqo r ctckuqp'f gu'etk <sup>3</sup> tgu'f g'i gukqp'gpxktqppgo gpvcrg'iki wtcpv'f cpu'ngu'iki pgu' f ktgevtlegu'f g'rc'LEEC'gv'f gu'lpf legu'gzkucpv'gp'Vwplukg"	"/: 9"
Vcdrgcw': /"48"	Hqto wrctk'g'v'xcrgw'u'f g't <sup>2</sup> h <sup>2</sup> t gpeg'r qwt 'ig'uwxk'gpxktqppgo gpvcn'gv'rc'uwtxgkncpeg'f g' rc's wrk <sup>2</sup> 'f g'ngcw'g'veq'Av'f w'uwxk'g'v'f g'rc'uwtxgkncpeg'"	"/: 2"
Vcdrgcw': /"49"	Dkrcp'f g'w <sup>2</sup> xcncv'kqp'f gu'lo r ceu'f w'r tqlgv'uw'ngpxktqppgo gpv' <sup>2</sup> uwo <sup>2</sup> +"	"/: 5"
Vcdrgcw': /"4: "	Nkug'f g'eqvt'ig'eqpegtpcpv'ngpxktqppgo gpv'	"/: 7"
Vcdrgcw': /"4: "	Ecrpftlgt'qtf kpc'g'f w'f <sup>2</sup> o cttci g'f g'w'f g'f g'ng'G'G'lwus w'k'ucp'cr r tqdcv'kqp"	"/327"
Vcdrgcw': /"52"	Ecrpftlgt'f g'rc'r tgo k <sup>2</sup> t g'uguukqp'f g't <sup>2</sup> wplkpu'f g'eqpuwncv'kqp"	"/328"
Vcdrgcw': /"53"	Rctv'ekr cpw'«'rc'r tgo k <sup>2</sup> t g'uguukqp'f g't <sup>2</sup> wplkpu'f g'eqpegtv'kqp"	"/328"
Vcdrgcw': /"54"	Rctv'ekr cpw'«'rc'tqkuk <sup>2</sup> o g'uguukqp'f gu't <sup>2</sup> wplkpu'f g'eqpuwncv'kqp"	"/32: "
Vcdrgcw': /"3"	F <sup>2</sup> h'pkkqp'f w'f qo clpg'r wdrn'j { f tcvrks wg'gv'f gu'vgtt gu'uqwo kugu'«'rc'ugt xkwf g'"	"/4"
Vcdrgcw': /"4"	Rtqe <sup>2</sup> f wt g'f ces wukv'kqp'f gu'ukgu'r ct'hqto g'f g'uncw'w'hqpe'gt"	"/: "
Vcdrgcw': /"5"	Eqo r ctckuqp'g'veqvtcugv'gpvt'g'ig'ecf tg'f i kuc'wh'wplukgp'g'ngu'iki pgu'f ktgevtlegu'f g'rc' LEEC'gp'o cvk <sup>2</sup> t g'f g'eqo r gpucv'kpu'gv'f g't <sup>2</sup> kpuvcncv'kqp"	"/39"
Vcdrgcw': /"6"	Ockuqpu'hc'kucpv'ngdlgv'f g'rc't <sup>2</sup> kpuvcncv'kqp'f cpu'ig'ecf tg'f w'r t <sup>2</sup> ugpv'Rtqlgv'	"/46"
Vcdrgcw': /"7"	Pqo dtg'f w'pks <sup>2</sup> u'chge <sup>2</sup> gu'r ct'ig'r tqlgv' <sup>2</sup> RCW'g'v'r gtucppgu'v'qwej <sup>2</sup> gu'«'CR'"	"/48"
Vcdrgcw': /"8"	Vgttckpu'chge <sup>2</sup> u'r ct'ig'f <sup>2</sup> r nrego gpv'	"/49"
Vcdrgcw': /"9"	Eqputwv'kpu'chge <sup>2</sup> gu'r ct'ig'f <sup>2</sup> r nrego gpv'	"/49"
Vcdrgcw': /": "	Ocvleg'f gu'f tqku'iki pgu'f ktgevtlegu'f g'rc'LEEC'+"	"/53"
Vcdrgcw': /": "	Ecrpftlgt'f g'ncs wukv'kqp'f gu'vgtt gu'f'kpu'gv'f g'rc't <sup>2</sup> kpuvcncv'kqp'f gu't <sup>2</sup> ukf gpw' *cxcpv'r tqlgv'"	"/56"
Vcdrgcw': /"32"	Rrcp'f g'uwxk'kt'gr'wh'«'h'ncs wukv'kqp'f gu'ukgu'gv'rc't <sup>2</sup> kpuvcncv'kpu'f gu't <sup>2</sup> ukf gpw'"	"/58"
Vcdrgcw': /"33"	Gzgo r ig'f g'hqto wrctk'g'f g'uwxk'f ces wukv'kqp'f gu'vgtt gu't <sup>2</sup> kpuvcncv'kqp'f gu't <sup>2</sup> ukf gpw; /59"	"/59"
Vcdrgcw'32/"3"	\ qpg'ekdr'g'r ct'ig'Rtqlgv'f g'eqvt'ig'f gu'kqpf cvkpu'f g'nqwgf 'O glgtf c"	32/4"
Vcdrgcw'32/"4"	Cr gt±w'f w'r tqlgv'f æo <sup>2</sup> nqt'v'kqp'f g'nqwgf 'gv'f w'r tqlgv'f w'dcuuk'f g'tgctf go gpv'f w' Rtqlgv'f g'eqvt'ig'f gu'kqpf cvkpu'f g'nqwgf 'O glgtf c"	32/6"
Vcdrgcw'32/"5"	Eqv'gpw'f gu'o guw'gu'pqp/utwewt'gngu'o kugu'gp'o wxtg'f cpu'ig'Rtqlgv'f g'eqvt'ig'f gu' kqpf cvkpu'f g'nqwgf 'O glgtf c"	32/8"
Vcdrgcw'32/"6"	Cr gt±w'f g'rc'eqo r qukkqp'f g'w <sup>2</sup> s wr g'f gu'ugt xlegu'f g'eqpugki'	32/9"
Vcdrgcw'32/"7"	Ecrpftlgt'f gu'ugt xlegu'f g'eqpugki'r qwt 'ig'Rtqlgv'f g'eqvt'ig'f gu'kqpf cvkpu'f g'nqwgf " O glgtf c"	32/: "
Vcdrgcw'32/"8"	Eq'Av'qcn'f w'Rtqlgv'f g'eqvt'ig'f gu'kqpf cvkpu'f g'nqwgf 'O glgtf c'«o qppckg <sup>2</sup> v'cpi <sup>3</sup> tg' g'v'qcn'«o krikpu'f g'LR[ . 'o qppckg'ngcrg'«o krikpu'f g'VP F +'	32/: "
Vcdrgcw'32/"9"	Rrcp'f g'h'pcpego gpv'f w'Rtqlgv'f g'eqvt'ig'f gu'kqpf cvkpu'f g'nqwgf 'O glgtf c"	32/32"
Vcdrgcw'32/"0: "	Xgv'krc'v'kqp'r ct'cpp <sup>2</sup> g'f w'eq'Av'f w'r tqlgv'gv'f <sup>2</sup> v'kri«o krikpu'f g'LR[ +'	32/32"



Vcdrgcw'33/'45" O qpvcv'f g'rc'xcrgwt "clqw <sup>2</sup> g'r qwt'ngu'5'i qwxgtpqtcw"	"33/36"
Vcdrgcw'33/'46" P qo dtg'f g'lqwtu'f ætt 'v'qwf g'tgctf "f ævkk <sup>2</sup> "	"33/36"
Vcdrgcw'33/'47" EqÅ'f w'pgwq{ci g" "	"33/37"
Vcdrgcw'33/'48" P qo dtg'vqcnf g'lqwtu'f g'pgwq{ci g"	"33/37"
Vcdrgcw'33/'49" Rtkz 'wvkck'f g'gu'f <sup>2</sup> r gpugu'f wgu'cwz 'cevkxk <sup>2</sup> u'f g'uwdukwkwq. 'r ct 'r tqhqpf gwt " f øo o gtukp"	"33/38"
Vcdrgcw'33/'4: " Rtkz 'wvkck'f g'gu'f <sup>2</sup> r gpugu'f wgu'cwz 'cevkxk <sup>2</sup> u'f g'uwdukwkwq. 'r ct 'r tqhqpf gwt " f øo o gtukp"	"33/39"
Vcdrgcw'33/'4; "Nkug'f gu'o qpvcv'f gu'f qo o ci gu'r qwt'ngu'5'i qwxgtpqtcw*ucpu'g'r tqlgv' r <sup>2</sup> tkqf g'f g" tgqwt 'f g'7"cpu+"	"33/3: "
Vcdrgcw'33/'52" Nkug'f gu'o qpvcv'f gu'f qo o ci gu'r qwt'ngu'5'i qwxgtpqtcw*ucpu'g'r tqlgv' r <sup>2</sup> tkqf g'f g" tgqwt 'f g'32"cpu+"	"33/3: "
Vcdrgcw'33/'53" O qpvcv'cwgp'f w'f g't <sup>2</sup> f wv'kq'f gu'f qo o ci gu'cppwgn'u'o q{gpu"	"33/3; "
Vcdrgcw'33/'54" T <sup>2</sup> uwn'cu'f g'h <sup>2</sup> xcncv'kq"2 eqpqo ks wg"	"33/3; "
Vcdrgcw'33/'55" Hwz 'f g't <sup>2</sup> uqtgtlg"	"33/42"
Vcdrgcw'33/'56" Ecu'gzco k <sup>2</sup> u'r qwt 'hæpcn'f ug'f g'ugpukdkk <sup>2</sup> "	"33/43"
Vcdrgcw'33/'57" T <sup>2</sup> uwn'cu'f g'hæpcn'f ug'f g'ugpukdkk <sup>2</sup> "	"33/44"
Vcdrgcw'33/'58" Kpf lecvgtu'f g'i gukqp'gv'f øghlecek <sup>2</sup> 'v' r ks wgu'f cpu'g'f qo clpg'f g'rc' hwwg'eqpv g'ngu' kqpf cvkpu"	"33/45"
Vcdrgcw'33/'59" Kpf lecvgtu'f g'i gukqp'gv'f øghlecek <sup>2</sup> 'f w'r t <sup>2</sup> ugpv'r tqlgv'	"33/45"

**Nkuv'f gu'cdt<sup>2</sup> xk'cwkpu''**

**Cdt<sup>2</sup> xk'cwkpu''**

<b>36'P'qo 'f gu'lti cpluo gu'f g'ie'f'et'vg'w'p'k'g'p'p'g''</b>		
<b>Cddt g'x'cwk'p''</b>	<b>Ht cp'x'k'i'</b>	<b>Cpi n'k'i'</b>
CPI GF " *O Gp+''	Ci gpeg'P cwkpcrg'f g'I gukqp'f gu'F <sup>2</sup> ej gw''	P cwkpcrCi gpe { 'hqt'Y cwg'' O cpci go gpv''
CPRG" *O Gp+''	Ci gpeg'P cwkpcrg'f g'Rt qv'g'k'p'f g'' n'Gp'x'k'q'p'p'g'o gpv''	P cwkpcrCi gpe { 'hqt'y'j g'Rt qv'g'k'p'q'h'' y'j g'Gp'x'k'q'p'o gpv''
DKTJ " *O C+''	Dwt gcw'k'p'x'g'p'v'k't gu'g'v'T'gej gtej gu'' J {f t'cw'k's v'gu''	QH'eg'q'h'J {f t'cw'k'e'k'p'x'g'p'v't'k'u'c'p'f'' T'gug'c'tej''
DRGJ " *O C+''	Dwt gcw'f g'R'c'p'l'h'k'c'v'k'p'g'v'f gu'G's w'k'k'd't'g'u'' J {f t'cw'k's v'gu''	Dwt gcw'q'h'Y cvgt'R'c'p'p'l'k'i' 'c'p'f'' J {f t'cw'k'e'G's w'k'k'd't'k'w'o u''
EPG" *O C+''	Eqo k <sup>2</sup> 'P cwkpcr'f g'n'G'cw''	P cwkpcr'Y cvgt'Eqo o k'uk'q'p''
ETFC *O C+''	Eqo o k'uct'k'w'f' T <sup>2</sup> i k'p'c'w'z' 'c'w'' F <sup>2</sup> x'g'n'r r go gpv'Ci t'le'q'g''	T'g'i k'p'c'r'QH'eg'q'h'Ci t'le'w'w't'g'' F'g'x'g'n'r o gpv''
EVX *O C+''	E'g'n'w'g'V'g't't'k'q't'k'c'g'f g'X'w'i c't'k'c'v'k'p''	V'g't't'k'q't'k'c'i'G'z'v'p'k'q'p'W'p'k''
FI CEVC" *O C+''	F'k't'g'v'k'p'I <sup>2</sup> p <sup>2</sup> t'c'g'f g'h'Co <sup>2</sup> p'ci go gpv'g'v'' f g're'Eq'p'ug't'x'c'v'k'p'f gu'V'g't'g'u'Ci t'le'q'g'u''	F'k't'g'v'q't'c'v'g'I g'p'g't'c'r'q'h'R'c'p'p'l'k'i' .'' O cpci go gpv'c'p'f 'Eq'p'ug't'x'c'v'k'p'q'h'' Ci t'le'w'w't'c'r'i'N'c'p'f u''
FI DI VJ *O C+''	F'k't'g'v'k'p'I <sup>2</sup> p <sup>2</sup> t'c'g'f g'u'D'c't't'c'i' gu'g'v'f gu'' I t'c'p'f u'V't'c'x'c'w'J {f t'cw'k's v'gu''	F'k't'g'v'q't'c'v'g'I g'p'g't'c'r'q'h'f'c'o u'c'p'f'' O c'q't'J {f t'cw'k'e'Y'q't'm'u''
FI EGU *O C+''	F'k't'g'v'k'p'I <sup>2</sup> p <sup>2</sup> t'c'g'f g're'Eq'p'ug't'x'c'v'k'p'' f gu'g'c'w'z'g'v'f w'u'q'i'	F'k't'g'v'q't'c'v'g'I g'p'g't'c'r'q'h'Y cvgt'' Eq'p'ug't'x'c'v'k'p'c'p'f 'U'q'k'i'
FI GS X" *O Gp+''	F'k't'g'v'k'p'I <sup>2</sup> p <sup>2</sup> t'c'g'f g'n'G'p'x'k'q'p'p'g'o gpv'g'v'' f g're'S'w'c'k's <sup>2</sup> f g're'X'k'g''	F'k't'g'v'q't'c'v'g'I g'p'g't'c'r'q'h'G'p'x'k'q'p'o gpv'' c'p'f 'S'w'c'k's { 'q'h'N'h'g''
FI H" *O C+''	F'k't'g'v'k'p'I <sup>2</sup> p <sup>2</sup> t'c'g'f g'u'H'q't' 'u''	F'k't'g'v'q't'c'v'g'I g'p'g't'c'r'q'h'H'q't'g'u'u''
FI I TGG *O C+''	F'k't'g'v'k'p'I <sup>2</sup> p <sup>2</sup> t'c'g'f w'I <sup>2</sup> p'lg' T'w't'c'r'g'v'f g'' n'G'z'r n'k'c'v'k'p'f gu'G'c'w''	F'k't'g'v'q't'c'v'g'I g'p'g't'c'r'q'h'T'w't'c'r' G'p'i k'p'g'g't'k'p'i 'c'p'f 'Y' cvgt'G'z'r n'k'c'v'k'p''
FI RC" *O C+''	F'k't'g'v'k'p'I <sup>2</sup> p <sup>2</sup> t'c'g'f g're'R'ej g'g'v'f g'' n'G's w'c'w'w'w't'g''	F'k't'g'v'q't'c'v'g'I g'p'g't'c'r'q'h'H'k'j'k'p'i 'c'p'f'' C's w'c'w'w'w't'g''
FI TG" *O C+''	F'k't'g'v'k'p'I <sup>2</sup> p <sup>2</sup> t'c'g'f g'u'T'g'u'q'w't'eg'u'g'p'' G'c'w''	F'k't'g'v'q't'c'v'g'I g'p'g't'c'r'q'h'Y cvgt'' T'g'u'q'w't'eg'u''
FJ GT" *O C+''	F'k't'g'v'k'p'f g'n'f {f t'cw'k's v'g'g'v'f g'' n'G's w'r go gpv'T'w't'c'r'i'	F'k't'g'v'q't'c'v'g'q'h'J {f t'cw'k'u'c'p'f 'T'w't'c'r'i' G's w'r o gpv''
FUG" *O C+''	F'k't'g'v'k'p'f w'F <sup>2</sup> x'g'n'r r go gpv'U'q'ek'q'o G'eq'p'q'o k's v'g''	U'q'ek'q'o G'eq'p'q'o k'e'F'g'x'g'n'r o gpv'' F'g'r c't'w'o gpv''
FUR" *O C+''	F'k't'g'v'k'p'f w'U {n'q'r c'u'q't'c'r'k'u'o g''	U {n'q'r c'u'q't'c'r'k'u'o 'F'g'r c't'w'o gpv''
FXRRC" *O C+''	F'k'x'k'k'q'p'r'q'w't'r'e'X'w'i c't'k'c'v'k'p'g'v'f g'' R't'q'o q'v'k'p'f g're'R't'q'f w'e'v'k'p'Ci t'le'q'g''	F'k'x'k'k'q'p'h'q't'G'z'v'p'k'q'p'c'p'f 'y'j g'' R't'q'o q'v'k'p'q'h'Ci t'le'w'w't'c'r'i'R't'q'f w'e'v'k'p''
GTK" *O C+''	G'eq'o T'g'u'q'w't'eg'u'k'p'g't'p'c'v'k'p'c'r'i'	G'eq'o T'g'u'q'w't'eg'u'k'p'g't'p'c'v'k'p'c'r'i'
GUKGT" *O C+''	G'eq'g'U'w'r <sup>2</sup> t'k'g'w'g'f gu'k'p'i <sup>2</sup> p'lg'w'u'f g'' n'G's w'r go gpv'T'w't'c'r'i'	T'w't'c'r'i'G's w'r o gpv'G'p'i k'p'g'g't'k'p'i 'U'ej q'q'i'
KCV" *O C+''	K'p'u'k'w'P cwkpcr'Ci t'q'p'q'o k's w'g'f g'V'v'p'k'g''	P cwkpcr'i'k'p'u'k'w'g'q'h'Ci t'q'p'q'o { 'q'h' V'v'p'k'k'e''
KOV" *O C+''	K'p'u'k'w'P cwkpcr'f g're'O <sup>2</sup> v'q't'q'm'i' k'g''	P cwkpcr'i'k'p'u'k'w'g'q'h'O g'v'g'q't'q'm'i' {''
KUF" *O C+''	K'p'u'k'w'P cwkpcr'f g're'U'c'v'k'k's v'g''	P cwkpcr'i'k'p'u'k'w'g'q'h'U'c'v'k'k'e'u''
KTGUC" *O C+''	K'p'u'k'w'P cwkpcr'f g're'T'gej gtej g'' Ci t'q'p'q'o k's w'g'f g'V'v'p'k'g''	P cwkpcr'i'k'p'u'k'w'g'q'h'Ci t'q'p'q'o k'c'r'i' T'gug'c'tej 'q'h'V'v'p'k'k'e''

Gwfg'Rt<sup>2</sup>rcrcwktg'r qwt'ig'Rtqlgvf g'I gwakp'kpv<sup>2</sup>i t<sup>2</sup>g'gvf g'Nwwg'eqpw g'igu'kqpf cvkpu'fcpu'ig'Dcuwk'f g'  
 nqwgf "O gltfc "<F<sup>2</sup>xgnrr go gpv'f gu'O gwt gu'Rt<sup>2</sup>xgpvkgu'eqpw g'igu'kqpf cvkpu'"  
 [cej kq'Gpi kpggt kpi 'Eq0'Nf0'

36'P qo 'f gu'lti cpluo guf g'ic'fctdg'wplkpgpg"		
Cddt gxcvqpp"	Ht cp±clur"	Cpi nclur"
OC"	O kplur <sup>3</sup> tg'f g'nci tlewwt g"	O kplur { "qh'Ci tlewwt g"
OF GCH"	O kplur <sup>3</sup> tg'f gu'F qo clp gu'f g'ncv'gv'f gu' Chck gu'Hqpek <sup>2</sup> tgu"	O kplur { "qh'Ucv'F qo clpu'cpf "Ncpf " Chck u'" "
OGp"	O kplur <sup>3</sup> tg'f g'ncpxk qppgo gpv' "	O kplur { "qh'Gpxkqpo gpv' "
OGs "	O kplur <sup>3</sup> tg'f g'ncs wkr go gpv' "	O kplur { "qh'Gs wkr o gpv' "
OH'	O kplur <sup>3</sup> tg'f gu'Hpcpegu"	O kplur { "qh'Hpcpeg"
OF EK	O kplur <sup>3</sup> tg'f w'F <sup>2</sup> xgnrr r go gpv'gv'f g'ic" Eqqr <sup>2</sup> tcvqpp'kpvgtpevqpcg"	O kplur { "qh'F gxnrr o gpv'cpf " kpvgtpevqpcnEqqr gtcvqpp'" "
O EK	O kplur <sup>3</sup> tg'f g'ncxgukugo gpv'gv'f g'ic" Eqqr <sup>2</sup> tcvqpp'kpvgtpevqpcg"	O kplur { "qh'kxguo gpv'cpf " kpvgtpevqpcnEqqr gtcvqpp'" "
OV"	O kplur <sup>3</sup> tg'f gu'Vtcur qt v'	O kplur { "qh'Vtcur qt v'" "
QPCU *OG+	QHieg'P cvkpcnif g'ncuclpkuugo gpv'	P cvkpcnUgy gtcic g'Dqctf "
QPRE"	QHieg'P cvkpcnif g'ic'Rtqvevqpp'Ekxkg"	P cvkpcnRtqvevqpp'EkxkiQHieg"
QVE" " *OG+	QHieg'f g'ic'Vqr qi tcr j kg'gv'f w'Ecf cutg"	Vqr qi tcr j { "cpf 'Ecf cutcnQHieg"
UGECP QTF "	Uqek <sup>2</sup> v'f'Gzr nqkcvqpp'f w'Epcnigv'f gu' Cf f wevqpu'f gu'Gcwz'f w'P qtf " "	P qt vj "Y cvgt 'Epcn' Cf f wevqpu'cpf " U{ungo 'O epci go gpv'Eqo r cp{ "
UP EHV "	Uqek <sup>2</sup> v'P cvkpcnif g'ic'gu' E j go kpu'f g'Hgt " Vwplkpu"	Vwplkcp'T cky c{ u'" "
UQPGF G*OC+	Uqek <sup>2</sup> v'P cvkpcnif g'ic'Gzr nqkcvqpp'gv'f g' F kwtkwqpp'f gu'Gcwz"	P cvkpcnY cvgt'F kwtkwqpp'Wwks{ "
WNCR"	Wplqp'Nqecn'f gu'Ci tlewwt u'gv'f gu' R'ej gwtu"	Nqecn'Wplqp'qh'Hcto gtu'cpf 'Hkuj gtu'" "

46'Cwt gu'lti cpluo gu'		
Cdt <sup>2</sup> xcvqpp"	Ht cp±clur"	Cpi nclur"
CCQ"	Cuqekcvqpp'Co ku'f gu'Qkucwz"	Hkcpf u'qh'v' g'Dkf u'Cuqekcvqpp"
CfD"	Dcps wg'cht leclp g'f g'F <sup>2</sup> xgnrr r go gpv' *DCH +"	Chlecp'F gxnrr o gpv'Dcpn'
CHF"	Ci gpeg'Ht cp±clur'f g'F <sup>2</sup> xgnrr r go gpv'	Ht gpej 'F gxnrr o gpv'Ci gpe{ "
CP TJ " *Cn <sup>2</sup> tlg+	Ci gpeg'P cvkpcnif g'ic'T guuqwt egu" J { ftcwks wgu"	P cvkpcnCi gpe{ "qh'Y cvgt 'T guuqwt egu"
DGK	Dcps wg'Gwtqr <sup>2</sup> gpg'f kxgukugo gpv'	Gwtqr gcp'kxguo gpv'Dcpn'
GW'	Wplqp'Gwtqr <sup>2</sup> gpg"	Gwtqr gcp'Wplqp"
I GVW'	I <sup>2</sup> qvej pls wg'Vwplkug'	Vwplkug'I gq/v'ej pqrni { "
I K "	Ci gpeg'Cmgo cpf g'f g'Eqqr <sup>2</sup> tcvqpp" kpvgtpevqpcg'" "	I gto cp'Ci gpe{ "ht'kpvgtpevqpcn' Eqqr gtcvqpp'" "
KDTF "	Dcps wg'kpvgtpevqpcn'f g'ic'ic" tgeqput wevqpp'gv'ig'f <sup>2</sup> xgnrr r go gpv'	kpvgtpevqpcn'Dcpn'ht'T geqput wevqpp'cpf " F gxnrr o gpv'" "
IDK "	Dcps wg'Lcr qpckug'f g'Eqqr <sup>2</sup> tcvqpp" kpvgtpevqpcg"	Lcr cp'Dcpn'ht'kpvgtpevqpcnEqqr gtcvqpp"
LK "	Ci gpeg'Lcr qpckug'f g'Eqqr <sup>2</sup> tcvqpp" kpvgtpevqpcg"	Lcr cp'kpvgtpevqpcnEqqr gtcvqpp'Ci gpe{ "

Gwfg'Rt<sup>2</sup>rcrcwktg'r qwt'ig'Rtqlgvf g'I gwakp'kpv<sup>2</sup> i t<sup>2</sup>g'gvf g'Nwng'eqpw g'ngu'kqpf cwkpu'fcpu'ig'Dcuukp'f g'  
 nqwgf "O glgtf c"<F<sup>2</sup>xgnrr go gpv'f gu'O gwt gu'Rt<sup>2</sup>xgpkxgu'eqpw g'ngu'kqpf cwkpu"  
 [ cej k'q'Gpi kpggt kpi 'Eq0'Nf0'

46'Cwt gu'gti cpluo gu'		
Cdt <sup>2</sup> xlcwkp''	Ht cp±clur''	Cpi rclur''
P GRCF "	P qwxgcw'Rctvtpctkvlr qwt'ig' F <sup>2</sup> xgnrr r go gpv'f g'hcrls wg''	Vj g'P gy 'Rctvtpgtuj kr 'lqt'Clrlclur'' F gxnrr o gpv'
W PFR''	Rtqi tco o g'f gu'P cwkpu'Wplgu'r qwt'ig' F <sup>2</sup> xgnrr r go gpv'	Wpkgf 'P cwkpu'F gxnrr o gpv'Rtqi tco "
HCQ''	Qti cplucwkp'r qwt'nrclo gpvcwkp'gv' nrci tlewnwtg''	Hqqf 'cpf 'Ci tlewnwtg'Qti cplc wkp''
W P GUEQ''	Qti cplucwkp'f gu'P cwkpu'Wplgu'r qwt' nGf wecwkp.'rc'Uelgpeg'gv'rc'E wnwgt''	Wpkgf 'P cwkpu'Gf wecwkp'cn'Uelgpkle'cpf '' E wnwgt'Qti cplc wkp''
Y D''	Nc'Dcps wg'O qpf kcrg''	Vj g'Y qtrf 'Dcpm'

56'Cwt gu'		
Cdt <sup>2</sup> xlcwkp''	Ht cp±clur''	Cpi rclur''
CRU''	Cxcpv'Rtqlgv'Uqo o clt g''	Dcule'F guki p''
DO''	Dcuukp'f g'rc'O glgtf c''	O glgtf c'Tkgt'Dcuukp''
GKC''	Gwfg'f k6 r cev'uw'tnGpxkqppgo gpv''	Gpxkqpo gpv'k6 r cev'Cuuguo gpv''
GKT''	Vcwz'kpvtpg'f g'Tgpvedkls <sup>2</sup> 'Geqpqo lswg''	Geqpqo le'kpvtpcn'Tcvg'qh'Tgwtp''
HIU''	Gwfg'f g'Hclcdkls <sup>2</sup> ''	Hgclcdkls' 'Uwf {''
HHY U''	U{u <sup>3</sup> o g'f g'r t <sup>2</sup> xkukp'f gu'kqpf cwkpu'gv' f)crgtvg''	Hqqf 'Hqtgecwkpi 'cpf 'Y ctpkpi 'U{u <sup>3</sup> go ''
HHY TU''	U{u <sup>3</sup> o g'f g'r t <sup>2</sup> xkukp'f gu'kqpf cwkpu'' f)crgtvg'gv'f g't <sup>2</sup> r qpug''	Hqqf 'Hqtgecwkpi . 'Y ctpkpi 'Cpf 'Tgur qpug'' U{u <sup>3</sup> go ''
I GQUU''	U{u <sup>3</sup> o g'o qpf kcrf gu'u{u <sup>3</sup> o gu' f)qdugtxcwkp'f g'rc'Vgtg''	I nrcn'Gctv'j 'Qdugtxcwkp'U{u <sup>3</sup> go 'qh' U{u <sup>3</sup> go u''
I K6''	I tqwr go gpv'f k6 <sup>2</sup> t'vEqmgevkl''	Eqmgevkg'k6vgtgu'I tqwr ''
I K''	U{u <sup>3</sup> o g'f k6hqtocwkp'I <sup>2</sup> qi tcr j lswg''	I gqi tcr j le'k6hqtocwkp'U{u <sup>3</sup> go ''
I FR''	Rtqf wk'kpv <sup>2</sup> tlgwt'dtw*'RkD+''	I tqur'F qo gwle'Rtqf wev''
I HCU''	U{u <sup>3</sup> o g'f crgtvg'f gu'kqpf cwkpu'o qpf kcr''	I nrcn'Hqqf 'Crgtv'U{u <sup>3</sup> go ''
I RTU''	I gpgtcr'Rcengv'Tcf kq'Ugtxleg''	I gpgtcr'Rcengv'Tcf kq'Ugtxleg''
I UO''	I tqwr g'Ur <sup>2</sup> ekcr'Qodkr''	I nrcn'U{u <sup>3</sup> go 'lqt'O qdkr'Eqo o wplecwkp''
J Y N''	P kxgcw'f gu'Rnu'J cwgu'Gcwz''	J ki j 'Y cvgt'Ncxgn'
KG''	Gzco gp'k6kcr'uw'tnGpxkqppgo gpv'' ''	k6kcr'Gpxkqpo gpv'Gzco kpcwkp''
KCU''	U{u <sup>3</sup> o g'kpv <sup>2</sup> i t <sup>2</sup> 'f)crpnc'ug'f gu' kqpf cwkpu''	k6gi tcvf 'Hqqf 'Cpcn'uku'U{u <sup>3</sup> go ''
KU''	Ugtxlegu'f gu'Vej pqrqi kgu'f g'' n6hqtocwkp''	k6hqtocwkp'Vej pqrqi kgu'Ugtxlegu''
KY TO''	I gwakp'kpv <sup>2</sup> i t <sup>2</sup> g'f gu'Tguuqtegu'gp'Gcw''	k6gi tcvf 'Y cvgt'Tguuqtegu'O cpci go gpv''
LQTV''	Lqwtpcn'Qhclcr'f g'rc'T <sup>2</sup> r wdris wg'' Vwplkgppg''	Qhclcr'Lqwtpcn'qh'v'j g'Tgr wdris'qh'Vwplkcl''
O F I u''	Qdlgevhu'f w'O kr <sup>2</sup> pck g'r qwt'ig' F <sup>2</sup> xgnrr r go gpv''	O kngppkwo 'F gxnrr o gpv'I qcn''
O R''	Rrcp'F ktgevwt''	O cvgt'Rrcp''
PI Q''	Qti cplucwkp'P qp'I qwxgtpgo gpvcrg''	P qp6i qxgtpo gpv'Qti cplc wkp''
P Y N''	Tgvpwg'P qto crg''	P qto cr'Y cvgt'Ncxgn'

Gwfg'Rt<sup>2</sup>rctcvtg'r qwt'ig'Rtqlgv'g'I gwakp'kpv<sup>2</sup>i t<sup>2</sup>g'gv'f'g'Nwwg'eqpv'g'ngu'kqpf'cvkpu'f'cpu'ig'Dcuukp'f'g'  
 nqwg'f'O g'gtf'c'<F<sup>2</sup>xgnrr go gpv'f'gu'O gwmg'gu'Rt<sup>2</sup>xgpkxgu'eqpv'g'ngu'kqpf'cvkpu''  
 [cej k'q'Gpi kpggtkpi 'Eq0'Nf0'

56'Cwtgu'		
Cdt <sup>2</sup> xkcvkq''	Ht cp=chl'	Cpi rku''
Q( O "	Gzr nkkcvkq'gv'O clpvgepeg''	Qr gtcvkq'cpf 'O clpvgepeg''
QO D''	Dcuukp'f'g'n'O g'gtf'c''	O g'gtf'c'Tkgt'Dcuukp''
QTUGE''	Qti cplucvkq'f'g'n'T <sup>2</sup> r qpug'f'g'U ewtk <sup>2</sup> '' Ekxkg''	EkxkiUgewtk'f'Tgur qpug'Qti cpl'cvkq''
RJ F''	F qo clpg'Rwdrie'J {f'cwrks wg''	Rwdrie'J {f'cwrle'F qo clp''
UO CI ''	Ucrkt'g'O kpo wo 'Ci tleqm'I ctcpvk''	I wctpvgef 'O kpo wo 'Ci tlewmw'g'Y ci g''
UO K ''	Ucrkt'g'O kpo wo 'kpvgr tqhguukppgi' I ctcpvk''	I wctpvgef 'O kpo wo 'Y ci g''
UO U'	Uj qtv'O guuci g'Ugtxleg''	Uj qtv'O guuci g'Ugtxleg''
UVGI ''	Uqe <sup>2</sup> v <sup>2</sup> 'wplukppg'f'g'n <sup>2</sup> rgevtlek <sup>2</sup> 'gv'f'w' i c ''	Vwplukcp'Uqelgv'qh'Grgvtlek'f'cpf 'I cu''
U EQJ VTCE''	Uj u <sup>3</sup> o 'f'g'EQmgev'f'gu'o gwmg'gu' J {f'qmqi kswgu'gp'Vgo r u'T <sup>3</sup> gn'gv' Cpqppeg'f'gu'Etvgu'f'gu'qwg'f'w'wplukpu''	Tgcn'w'o g'J {f'qmqi lecn'kphqto cvkq'' Eqmgev'kpi 'O gcumgo gpv'cpf 'Hqgf'' Cpqppeg'go gpv'U'f'wgo 'k'Y cf'ku''''
VKECF''	Eqpl'f'tgepeg'kpvtpcvkpcng'f'g'Vqm'q'r qwt'' ng'F <sup>2</sup> xgnrr go gpv'f'g'n'Chks wg''	Vqm'q'kpvtpcvkpcnEqpl'f'tgepeg'qp'Chkcp'' F g'xgnrr o gpv''
VPF''	F kpcu'wplukpu''	Vwplukcp'F kpcu''
VQT''	Vgto gu'f'g'T <sup>2</sup> h'f'tgepeg''	Vgto u'qih'Tgh'f'tgepeg''
\ KEQ''	\ qpg'k'o r qtw'p'g'r qwt'n'Eqpugt'cvkq'' f'gu'Qkugcw''	k'o r qtw'p'v'Dkf 'Ctgc''

''

**Vgto gu'**

Vgto g''	Fguetkrvkq''
I ctcgv'	qpgu'o ct <sup>2</sup> eci gwugu'f'g'dcu/hqpf u''
I qwxgtpqtcv'	Eqmgev'kxk <sup>2</sup> 'gttkqtkrg'uquw'n'eqo r <sup>2</sup> vgpeg'f'w'I qwxgtpgo gpv'f'g'n'Vwplukg''
Ugdnj c'q'w'ugdnj cv'	\ qpg's w'kf g'xkpv'j wo kf g'q'w'g'n'k'pp <sup>2</sup> g'ucwh'f'w'cpv'n'ucukq'u <sup>3</sup> ej g''

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**Pqo 'gp'ltcp+ck'gv'gp'ctcdg'f gu'f hft tgpwut<sup>2</sup>i kqpu'f g'ic'Vvphig'**

Cnrj edgv'	Ctedg''	Cnrj edgv''	Ctedg''
Clp'I j gnrn'	علا	Mektqwep''	"
Ctkpc''	"	Mercv'GriCpf crqwu'	ي'
Dcej 'J co dc''	"	Mcuugd''	"
Dctdctc''	"	Nenj o gu''	"
Dglcqw''	"	Nctqwuuk''	ي'
Dgp'O gwt''	"	O cpqwdc''	"
Dgudcuuk''	"	O glgtfc''	"
Dk'gtv''	"	O glg  'GriDcd''	" "
DqtI'Gwqwo k'	"	O gngi wg''	لا
Dqw'J gwtoc''	"	O gnrk''	"
Dqw'Ucrgo ''	"	O qpi k'Uko ''	" "
Ecr 'Dqp''	"	Qwgp  c''	"
Ej chtqw''	"	To kn''	"
Ej cqwcv''	"	Uej gn''	"
Ej qthgej ''	"	Uglpcpg''	"
F lgdgn'Ej cnk''	"	Ucz''	"
GriDewcp''	"	Uf k'Dej tqwp''	" "
Gri'J gppc''	"	Uf k'Gri'Dcttcent'	" "
Gri'J gttk''	"	Uf k'Qvj o cp''	" "
Gri'O cdvqwj ''	"	Uf k'Ucrgo ''	" " "
Gri'ki'	"	Uf k'Uo cki'	" "
I ctegv'Gri'O cdvqwj ''	"	Uf k'Vj cdgv''	" "
I j ct'gri'O gij 'Ncng''	"	Ukrcpc''	"
I j ctf ko cqw''	"	Uqwi wlc''	"
I j gl cr'Fco ''	"	Uqwepk''	"
J gpej k'Vqdku''	"	Uqwug''	"
J k'Vqdku''	"	Vgdqwtde''	"
Kej ngwi'	"	Wks wg''	"
Lgf gl'c'lgf ckc''	"	\ gti c''	"
Lqwo kpg''	"	\ qwkpc''	"

"

Vcvw'fg'ej cpi g'\*Rkpw'eqo o wpu'f g'ngzco gp'f gu'r tqlgu'f g'r t' v'gp'f'gp'fg'ncpp<sup>2</sup>g'huccrg'4234''

\*Cxcprv' tqlgv'<'ic'f cvg'f w8'pqxgo dtg'4234'<

3Q'VPF '? '6; Q'IR[ "

3Q'WU&?'9; Q'IR[ "

## Ej cr kt g'3'Kpvt qf wevkqp''

### 30B Cttk tgr ncp'gv'hdldgevkif g'h' wwf g'

#### 30B0 Cttk tgr ncp''

Eqwtu'f gcv'kpvgtpcvkqpcn'u' eqw'cpv'gp'Vwpluk'gv'gp' Cni<sup>2</sup> tkg. 'nq'wgf 'O glgtf c' r quu'f g'wp'ej gpcn'iqpi ' f g'682'no "gv'wp'dcuuk'xgtucpv'f wpg'uw' gth'ek'g'f g'45'922'no<sup>4</sup>. 'f qpvt gur gev'xgo gpv'534'no '\*8: ' +gv' 37": 52'no<sup>4</sup>\*89' +cr r ct'kppgpv'cw'vgttkqkt g'wplukgp. "eg's wk'gp'hck'ng'r n'u'xcuw' "dcuuk'xgtucpv'f w' r c{u'0F'cpu'ng'P qtf 'wplukgp. "q'Á'u' eqw'ng' nq'wgf 'O glgtf c. "rc' r<sup>2</sup> tkf g'ugr vgo dtg/o ctu'eqttgur qpf "«rc' uckuq'f gu'r n'kwu. 'r gpf cpv'rcs wmg'f gu'et wgu'ug'r tqf wku'p'0E'oguv'r qwt s wqk'n'w'k'k'uc'vkp'f gu'vgttckpu'p'æ" r cu'r tqi tguu' l'wus wæ' r<sup>2</sup> t'ugpv'f cpu'rc'| qpg'cxn'f w'dcuuk' s wkhqto g'wpg'r r'ckpg'f' d'p'qpf' cvkqp'0'

Ng'dcttci g'f g'Uk'k'Ucrgo 'c'<sup>2</sup> v' "eqput w'k'gp'3; : 3'r qwt 'n'w'gt'eqpvt g'ngu'kp'qpf' cvkqpu'«'eg'v'gpf' tqk'0'k'ic' g'w'r qwt 'gh'gv'f g'eqpvt'1/2'g'w'w'x'gp'w. 'uk'dl'gp' s w'w'w'w'p'p'æ' r n'u'ch'ge'v' 'rc' t<sup>2</sup> i k'p'gp'cxn'f w'dcttci g' r gpf cpv'ngu'44'cpu' s w'k'q'p'v'w'w'k'k'uc' "eqput w'k'qp'0'R'g'p'f' cpv'egw'g' r<sup>2</sup> tkf g. 'rc' Vwpluk'c'xw'n'ci t'k'w'w'w'g'ug' f<sup>2</sup> x'g'nr r g't'f'cpu'eg' "dcuuk'cxn'gp'w'cpv' s w'g' r kxq'v<sup>2</sup> eqp'qo' k'w'g' t<sup>2</sup> i k'q'pcn' «rc' h'cx'g'w'f' g' r t<sup>2</sup> ekr' k'cvkqpu' t'g'w'x'g'o gpv'cd'q'p'f' cpv'gu' g'v'f g'vgtt'gu'ci t'k'eq'ngu' h'g't'w'g'u'0'W'p'g' k'p'q'p'f' cvkq'p' u'og'uv' egr' g'p'f' cpv' r tqf w'k'g'gp' 4225. "ecw'g' r ct' f'gu' n'ej' gtu'f'og'cw'f' w' d'cttci g'0'Ngu' r g't'v'gu' g'v' f<sup>2</sup> i -w' qp'v<sup>2</sup> v' "eqpuk'f<sup>2</sup> tcd'ngu. "cx'ge' p'q'x'o o gpv'8"o q't'u. "49"222"t<sup>2</sup> h'w' k' u. "r n'u'f' w'p'o q'ku'f' g' u'w'do' g't'uk'q'p. "ck'puk' s w'g' f'gu'ew'w'w'g'gu' g'v' f'gu' j'cd'k'cvkqpu'g'p'f' q'o o ci<sup>2</sup> gu'g'v'rc'ekt'ew'w'k'q'p'eqw'g'0'F'gu'k'p'q'p'f' cvkqpu' r t'q'x'q's w'g' f'g'rc' o 'o' g' h'c'±q'p' r ct' f'gu' n'ej' gtu'f'og'cw'f' w'dcttci g'f g'Uk'k'Ucrgo "u'q'p'v'g'p'w'k'g'w'w'x'gp'w'g'gp'4226. "4227. "422; 'gv'42340'Ngu' f'q'o o ci'gu' u'q'ek'w'z' g'v<sup>2</sup> eqp'qo' k'w'g'u'ecw'z' u'g'v'rc'w'i o g'p'cvkq'p'f' g'rc' r'cw'x't'g'v' "ck'puk'i<sup>2</sup> p<sup>2</sup> t<sup>2</sup> g' h'q'to' gpv'wp' q'du'c'eng' «rc'w'g'k'p'g'f' w'f<sup>2</sup> x'g'nr r go gpv'f' w'cd'ng' r ct'rc' Vwpluk'0'Ngu'o' g'w'w'g'gu'ce'w'w'ng'gu'f'g'eqpvt'1/2'g'gu' k'p'q'p'f' cvkqpu'f' go g'w'c'p'v'f'g'p'k'x'g'c'w'h'ck'd'ng. "k'i'g'u'w'i' gpv'f'og'p'i' ci'gt'w'p'g'ce'vkq'p' r qwt'f'gu'o' g'w'w'g'gu'f'g'n'w'w'g' k'p'ew'w'k'g'u'0'

R'q'w't'co' r'k'q't'g't'egw'g'uk'w'cvkq'p. "gv'w'w'rc' d'cug'f'g'rc' t'g's'w'g'f'w'i' q'w'x'g't'p'g'o' gpv'w'p'k'uk'gp. "rc' L'É'c'c' t<sup>2</sup> crk'z' u'w'48"o q'ku'gp'4228/422: "w'p'g'è'G'w'f'g'w'w'rc' I' g'w'k'q'p' k'p'v' i t<sup>2</sup> g'f'w' d'cuuk'cz'g'w'w'rc' T<sup>2</sup> i w'w'cvkq'p' f'gu' k'p'q'p'f' cvkqpu'f'cpu'ng' "dcuuk'f'g'rc' "O glgtf c'gp' T<sup>2</sup> r w'dr'k'w'g' Vwpluk'g'p'p'g' i "f<sup>2</sup> u'ki' p<sup>2</sup> g'ek'cr' t<sup>3</sup> u' n'è'G'w'f'g' f'g' F<sup>2</sup> x'g'nr r go gpv' i +0' E'g'ng'ek'c' h'q'to' w'z' "w'p' r'rc'p' f'k'g'ev'g'w' r'q'w't'rc' i' g'w'k'q'p' k'p'v' i t<sup>2</sup> g'f'w' d'cuuk'p. "gp' r'rc'±cpv'rc' r' t'k'q'k'z' u'w' "ngu'o' g'w'w'g'gu'f'g'eqpvt'1/2'g'gu' k'p'q'p'f' cvkqpu'cw'o' q'q'gp'f'g'o' g'w'w'g'gu'w'w'w'g'ng'gu'g'v'f'g' o' g'w'w'g'gu'p'q'p'w'w'w'g'ng'gu'0'Ngu' r' t'g'o' k' t'g'u' u'q'p'v'eq'p'w'k'w'g' u' r'ct'f'g'u'f'k'i' w'g'u. "f'gu' d'cuuk'p'f'g' t'g'w'c't'f' go' gpv' g'v'0'gv'ngu' u'g'eq'p'f'gu. 'r'ct'w'p' u' u'v' o' g'f'g' r<sup>2</sup> x'k'k'q'p'f'gu' k'p'q'p'f' cvkqpu'g'v'f'æ'ng't'v'g. "w'p' u' u'v' o' g'f' g' x'c'w'w'cvkq'p' g'v' f'g' f<sup>2</sup> h'g'p'ug' eqpvt'g' ngu' g'cw'z. "ng' f<sup>2</sup> x'g'nr r go gpv' f'gu' ecr'cek'z' u' q'ti' c'p'k'uc'v'k'p'p'g'ng'gu. "ck'puk' s w'g' rc' t<sup>2</sup> i' ngo' g'p'cvkq'p' g'v'rc' i' g'w'k'q'p' f'g' n'w'w'k'k'uc'v'k'q'p' f'gu' vgtt'gu'f'cpu'rc' r'rc'k'p'g'f' d'p'q'p'f' cvkqp'0' G'p'422; . "ng' i' q'w'x'g't'p'g'o' gpv' Vwpluk'gp' c' t'g's'w'ku' w'p'g' G'w'f'g' f'g' H'ek'uc'd'k'k'z' f'w' r' t'q'l'g'v' r' t'q'r'qu' r'ct' n'è'G'w'f'g' f'g' F<sup>2</sup> x'g'nr r go gpv' N'è' G'w'f'g' R<sup>2</sup> r'ct'c'v'q'k'g' r'q'w't'ng' R't'q'l'g'v'f'g' I' g'w'k'q'p' k'p'v' i t<sup>2</sup> g'g'v'f'g' N'w'w'g' E'q'p'v't'g'ngu' k'p'q'p'f' cvkqpu' f'cpu'ng' "D'cuuk'f'g' nq'w'gf' "O glgtf c' gp' T<sup>2</sup> r w'dr'k'w'g' Vwpluk'g'p'p'g' i " \*ek'cr' t<sup>3</sup> u' n'è'G'w'f'g' R<sup>2</sup> r'ct'c'v'q'k'g' i' +c'f'q'p'e'z' v' t<sup>2</sup> crk'z' g'f'g'ugr'vgo' dtg'4232"«'o' ck'42340'R'q't'v'cp'v'w'w'rc'| q'p'g'rc' r' n'u'gp'cxn'f' w'dcuuk'p' q'p'g' F'4+.' q'Á'ng' r'rc'p'f'k'g'ev'g'w'g'w'k'o' g' s'w'g'ngu'gh'gv'u'2'eqp'qo' k'w'g'u'g't'q'p'v'ngu' r' n'u'k'o' r'q't'v'cp'u. "egw'g' G'w'f'g' R<sup>2</sup> r'ct'c'v'q'k'g' c' t'g'ew'g'k'rk'f'gu' k'p'q'p'f' cvkqpu'f'g' d'cug' g'v' g'z'co' k'p'z' ngu' r' t'k'p'ek'c'rg'gu' o' g'w'w'g'gu' r' t'q'r'qu'z' g'u'0'

**3004 Qdlgevhu'**

Uw"rc"dcug"f gu"t<sup>2</sup>uwncu"fg"nGwf g"Rt<sup>2</sup>r ctcvktg."ckpuk's wg"fg"egwz"fg"nè"Gxcnvcvkqp"fg"ghgvu"fg"gu" ej cpi go gpw"erko cks wgu"i "eqpf vkg"u<sup>2</sup>r ct<sup>2</sup>o gpv'r ct"rc"LEEC."rc"r t<sup>2</sup>ugpvg"Gwf g"xlug"«"eqpvtkdwt"«"rc" t<sup>2</sup>crkucvkqp"fg"Rtqlgv"fg"i guvkqp"kp<sup>2</sup>i t<sup>2</sup>g"fg"wdcuukp"gv"fg"Eqpv<sup>1</sup>ng"fg"gu"kpqpf cvkpu"fg"nqwgf"O glgtf c" gp"t<sup>2</sup>r wdrks wg"Vwpkulgppg"\*ek/cr t<sup>3</sup>u"ng"è"r t<sup>2</sup>ugpvRtqlgv"i +r ct"ngz<sup>2</sup>ewkqp"fg"wp<sup>2</sup>wf g"fg"hcucdkk<sup>2</sup>"uw" eg"Rtqlgv"0Nc"r t<sup>2</sup>ugpv<sup>2</sup>wf g"ugt c"cee qo r nkg"gp"eqo r r<sup>2</sup>cpvng"eqpv<sup>2</sup>wf g"nGwf g"Rt<sup>2</sup>r ctcvktg"r t<sup>2</sup>ek<sup>2</sup>g0 "

**304 Ecf tgf g'dcug'fg'ngGwf g'**

**304B \ qpg'ekdf g'f ct 'nGwf g'**

Fcpu'ng"r rcp"fk tgevwt."rc"l qpg'ekdf g'f ct'nGwf g'gu"fg"kkk<sup>2</sup>g"gp"7"l qpgu."gp"r ctcpv"fg"weqwtu"lph<sup>2</sup>tkgw" fg"nqwgf"O glgtf c"<F 4."F 3."W4."W3."O "\*xqk"ectv-0Nc"l qpg'ekdf g'f ct"rc"r t<sup>2</sup>ugpv"Gwf g'gu"rc"l qpg" F 4."s wk'gu"rc"r nu"gp"cxcr"0Ukw<sup>2</sup>g"gpvtg"nggo dqvej vtg"fg"nqwgf"gv"ng"dcttci g"Nctqwuuk."egwg"l qpg"cg" tg±w"rc"r nu"j cwg"r tktk<sup>2</sup>"r qwt"ngz<sup>2</sup>ewkqp"fg"r tqlgv"ugrp"ng"Rcp"fk tgevwt"0Gng"tgeqwtg"ngu"5" i qwxgtpqtcw"fg"0Ctkpc."fg"0cpqwdc"gv"fg"Dk gtvg0 "



Hki wt g'308'Ect v'fg'fg'kxkqp"fg"wdcuukp"

**30404 Ercuuklec vkqp'fg'bevkx<sup>2</sup>u't<sup>2</sup>uwncu'gv'qdlgevhu'**

Nc" r t<sup>2</sup>ugpv" Gwf g' gu" gz<sup>2</sup>ew<sup>2</sup>g" uw" rc" dcug" fg"gu" r qkp"u" kpf ks w<sup>2</sup>u" fcpu" nGvpgf wg" fg"gu" vtcxcwz" eqpegtpcpv"nGwf g'fg"hcucdkk<sup>2</sup>."eqpxgpw"gp"4232"cxge"rc"r ctvk"Vwpkulgppg"0Ngu"2 wf gu"fg"r rcp" fg"tgevwt"gv"fg"r t<sup>2</sup>r ctcvktg"«"rc"eqqr<sup>2</sup>tcvkqp"ghgwe<sup>2</sup>gu"lwus wlek'ugt qpv"tgxwgu."gv"fg"gu"ghqtu"ugt qpv" f<sup>2</sup>r m{<sup>2</sup>u"r qwt"2 xkgt"vqw"fg"qwdng"go r m'k' r cto k'ngu"fg"pp<sup>2</sup>gu"eqnge<sup>2</sup>gu"gv"ngu"eqpv<sup>2</sup>wu"2 wf k<sup>2</sup>u"0Ngu" cevkx<sup>2</sup>u."t<sup>2</sup>uwncu'gv'qdlgevhu"fg"nGwf g'ugpv'ercuuk<sup>2</sup>u'ek'fg"guuqu0 "

**Vcdrgcw/3/3'Cevxk² u' t² uwnvcu'gv'qdlgevkhu'f g' hGwf g'**

Qdlgevkhu'gp'co qpv'	Ng'Rtqlgv'guv'o ku'gp"ò wxtg."gv'rgu'f qo o ci gu'f wu'cwz "kppf cvkqu'f ko kpwgpv' f cpu'rc'  qpg'cxcnf w'dcuulp'f g'hqwgf "O glgtf c0Nc'ucdkk² "uqekrg'uko ² rktg" f cpu" rc" t² i kqp" gp" swgukqp." gv' cxge" rc" t² f wekqp" f gu" dctlk² tgu" cw' f² xgnr r go gpv' ² eqpqo ks wg." rg" Rtqlgv' eqpvkdwg" «" nco ² rktcvkqp" f g" rc" ukwcvkqp"² eqpqo ks wg'gv'uqekrg'gv'«"rc"t² f wekqp'f g'rc"r cwxtg² "gp"Vwplkg0'
Qdlgevkhu'f w'Rtqlgv'	Ng'r rcp'f w'Rtqlgv'guv'² rcdqt² ."gv'rgu'r t² r ctcvku'vgej pls wgu'uqpv'ghgew² u'gp" xwg'f g'uqp"gz² ewkqp0'
T² uwnvcu'	3+ Wpg"² ej gmg." wp" eqpvgpw' gv' wpg" o ² vj qf g" f gz² ewkqp" qr vko cwz "uqpv' r tqr qu² u'r qwt 'hg'r t² ugpv'Rtqlgv0' 4+ Nc'p² eguuk² "gv'rgu'ghgw'f w'r t² ugpv'Rtqlgv'uqpv'eqphko ² u0'
Cevxk² u'	Ng'u'cevkk² u'uwkcpv'gu'uqpv'ghgew² gu'r qwt "gz² ewgt "hGwf g'f g'hckcdkk² 0' 3+ Nc'r gtvppeg'gv'hcttk² tg/r rcp'f w'r t² ugpv'Rtqlgv'uqpv'eqphko ² u0' 4+ Ngu'eqpf kkp'cewmg'gv'rg'eqpvgpw'f w'Rtqlgv'uqpv'eqo r tku'cw'o qf gp" f g'eqmgev'f g'f qpp² gu'uw r r² o gpvkt gu'gv'f } wf gu'uw 'hg'vgtckp0' 5+ Wp" tcr r qtv'f } xcnvcv'f g" nko r cev' uwt "npgxkqppgo gpv' guv'² rcdqt² " *o guwtgu' f g" o kki cvkqp." r rcp" f g" uwkxk" gve0" eqpegtcpv' rgu" ko r cev' gpvktqppgo gpvcwz "gv'uqekcwz-0' 6+ Wp" cr r wk' guv' cr r qt² " «" n² rcdqtcv'kqp" f w' r rcp" f g" t² kpucncv'kqp" f gu' t² ukf gpv0' 7+ Wpg'r tqr qukkqp'guv'htqo wf g'r qwt 'hg'eqpv'rg'f gu'kppf cvkqu'gp'vGPCV' eqo r v'g'f g'rc"t² r qpug'cwz 'ej cpi go gpv'erkc cks wgu0' 8+ Wpg'r tqr qukkqp'guv'htqo wf g'r qwt 'hg'eqpv'gpw'f gu'ugtxlegu'f g'eqpugklf w' r t² ugpv'Rtqlgv0' 9+ Ng'ecrgpf tkt² f'gz² ewkqp'f w'r t² ugpv'Rtqlgv'guv'htqo wf 0' : + Ng'u{uv³ o g'f gz² ewkqp'gv'rg'u{uv³ o g'f g'o ckvGPCpeg'gv'f g'i gukqp'f w' r t² ugpv'Rtqlgv'uqpv'eqphko ² u0' ; + Ng"cwz "f g"tgpvcdkk² "kpvtpg"*VT K'f w'r t² ugpv'Rtqlgv'guv'gzco kp² ."gv' f gu'kpf lecvgwu'f ghhecek² "qr² cvkppgng'uqpv'r tqr qu² u0' 32+ F gu'kphqto cvkqu'gv'f qpp² gu'uw r r² o gpvkt gu'uqpv'tgewkngku0' 33+ Ncrr wk'p² eguuckg'guv'cr r qt² " «"rc"o kug"gp"ò wxtg'f g"rc"eqpegtcvkqp" cxge'rgu'r ctvku'r tGPCV'gu0'

**3045 Ego r qukkqp'f g'n² s wkr g'f w'eqpuwncpv'gv'ecrgpf tkt² f g'v'cxchi'**

Ng'vcdrgcw'ekf guuqwu'kpf ks wg'rg" pgo ."rg" f qo clpg'f g" tgur qpucdkk² "gv'rc" f wt² g'f g"o kuukqp" f gu' o go dtgu'f g"n² s wkr g'f w'Eqpuwncpv'r ctvkr cpv'«"n² wf g'uw'r r meg."ckpvk's wg'rg'eqpvgpw'f gu'v'cxwz" ghgew² u'r ct "n² s wkr g'f } wf g0'Ugk g"o go dtgu'f g"n² s wkr g'r ctvkr gpv'«"n² wf g'uw'r r meg."gv'gpvktqp" pgwh'o qku'ugtqp'p² eguuckgu'gpv'g'rg" f² dw'f gu'r t² r ctcvku'gv'rc"uqwo kuukqp" f w'Tcr r qtv'kpcr0'Ng"

ecrgpf tkgf 'f g' txcckl' guv' f kkl' f' g' r' o' cpl' t' g' u' w' k' c' p' y' g' <

"

\*3+ O k' l' w' k' m' g' v' / " 4; " l' w' k' m' g' v' 4234" < txcckl' r' t' r' c' t' c' v' k' g' c' w' l' c' r' q' p' . " 2 n' d' q' t' c' v' k' p' f' w' T' c' r' r' q' t' v' f' g' e' q' o' g' p' e' g' o' g' p' v'

\*4+ 52' l' w' k' m' g' v' / " 37' u' g' r' v' g' o' d' t' g' < 2 w' f' g' u' w' t' r' n' e' g'

\*5+ 42' c' q' A' / " 4: " q' e' v' d' t' g' < c' p' c' n' f' u' g' c' w' l' c' r' q' p' . u' { p' y' } 3 u' g' . 2 n' d' q' t' c' v' k' p' f' w' r' t' q' l' g' v' f' g' T' c' r' r' q' t' v' h' k' p' c' n'

\*6+ 6' p' q' x' g' o' d' t' g' / " 33' p' q' x' g' o' d' t' g' < g' z' r' n' e' c' v' k' p' u' l' p' v' g' t' o' 2 f' k' c' k' g' u' w' t' r' n' e' g' f' w' r' t' q' l' g' v' f' g' T' c' r' r' q' t' v' h' k' p' c' n'

\*7+ H' k' p' l' c' p' x' l' g' t' 4235' < g' z' r' n' e' c' v' k' p' u' w' t' r' n' e' g' f' w' r' t' q' l' g' v' f' g' T' c' r' r' q' t' v' h' k' p' c' n'

\*8+ H' k' p' o' c' t' u' 4235' < u' q' w' o' k' u' k' q' p' f' w' T' c' r' r' q' t' v' h' k' p' c' n'

N' g' u' r' t' q' e' 3 u' x' g' t' d' c' w' z' f' g' u' e' q' p' e' g' t' c' v' k' p' u' e' q' p' f' w' k' g' u' f' o' c' r' t' 3 u' e' g' r' n' e' p' p' k' p' i' . " n' g' u' o' g' o' d' t' g' u' f' g' n' o' s' w' k' r' g' f' o' w' f' g' v' l' g' e' c' r' g' p' f' t' k' g' t' f' g' n' o' G' w' f' g' u' q' p' v' l' q' k' p' u' < n' c' p' p' g' z' g' o'

"

**Vedige w' 3/4' E' q' o' r' q' u' i' k' l' p' f' g' h' o' s' w' k' r' g' f' ) G' w' f' g' v' l' g' n' e' p' p' l' p' i' f' g' t' c' x' c' k' l'**

		Année 2012						Année 2013		
		Juillet	Août	Septembre	Octobre	Novembre	Décembre	Janvier	Février	Mars
<b>[Affectation des experts et du personnel recruté localement]</b>		<b>Nom</b>								
<b>&lt; Experts &gt;</b>										
1	Directeur/Planification du chenal	Junji Yokokura		2	15			4	11	
2	Etude hydrologique	Tadafumi Sato		30	39			4	11	
3	Analyse topographique/géologique/des sols	Hisashi Oura		30	39					
4	Analyse hydraulique	Masahiro Kitano		2	39					
5	Gestion de bassin/Planification du contrôle des inondations	Toru Takahashi		2		15				
6	Conception des ponts	Hitoshi Ito			27	9				
7	Conception des ouvrages des cours d'eau 1	Tamotsu Shingu			30	13		4	11	
8	Conception des ouvrages des cours d'eau 2	Masakazu Yatoge			27	13				
9	Assistance à la conception/aux calculs	Hiroshi Nakata			27	14				
10	Analyse économique et financière/Organisation	Hidetoshi Kanamura		2		11				
11	Economie du contrôle des inondations 1	Kinuyo Fukuda			39	15				
12	Economie du contrôle des inondations 2	Yoshio Yabe		10	39					
13	Considérations environnementales et sociales 1	Nobuyuki Iijima			27	15				
14	Considérations environnementales et sociales 2	Yui Matsuo		2		15				
15	Assistance à la coordination du travail/à la planification du contrôle des inondations	Ru Ying		2		15				
16	Coordination du travail	Akira Someya		30	39					
<b>&lt; Recrutement au Japon &gt;</b>										
	Interprète 1	Gentarō Suzuki		30		15		4	11	
	Interprète 2	Norihiko Sakaguchi								
<b>&lt; Recrutement en Tunisie &gt;</b>										
	Interprète 2									
	Interprète 3									
	Tâches générales (3 personnes)									
<b>[Types et périodes des travaux/calendrier de présentation des rapports]</b>										
	Travaux au Japon 1									
	Etude sur place									
	Travaux au Japon 2									
	Rapport intermédiaire sur le projet de Rapport final									
	Travaux au Japon 3									
	Explication du projet de Rapport final									
	Travaux au Japon 4									

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**30406 Qti cpluo guf'gz² ewkqp'f g'ic' r' ct vlg'wplkpgppg'**

R' q' w' t' n' r' t' 2 u' g' p' v' g' G' w' f' g' . " n' g' u' q' t' i' c' p' l' u' o' g' u' f' g' z' 2 e' w' k' q' p' f' g' n' r' c' t' v' l' g' w' p' l' k' g' p' p' g' u' q' p' v' n' g' O' k' p' k' u' 3 t' g' f' g' n' o' s' w' k' r' g' o' g' p' v' g' v' f' g' r' E' q' q' r' 2 c' v' k' p' u' l' p' v' g' t' p' c' v' k' p' c' r' g' v' l' g' O' k' p' k' u' 3 t' g' f' g' n' o' C' i' t' l' e' w' n' w' t' g' o'

N' q' t' i' c' p' l' u' o' g' j' q' o' q' m' i' w' g' f' k' t' g' e' v' g' u' v' n' . " F' k' t' g' e' v' k' p' i' 2 p' 2 t' c' r' g' f' g' u' D' e' t' t' c' i' g' u' g' v' f' g' u' I' t' c' p' f' u' V' t' c' x' c' w' z' J' { f' t' c' w' r' k' s' w' g' u' O' k' p' k' u' 3 t' g' f' g' n' o' C' i' t' l' e' w' n' w' t' g' o' W' p' E' q' o' k' 2 ' v' e' j' p' l' s' w' g' t' g' r' c' v' k' l' < n' r' t' 2 u' g' p' v' g' G' w' f' g' c' 2 v' 2 v' 2 c' d' r' k' c' w' l' u' g' k' p' f' w' i' q' w' x' g' t' p' g' o' g' p' v' w' p' k' l' g' p' r' c' t' n' c' t' t' v' 2 P' q' 05658' f' w' O' k' p' k' u' 3 t' g' f' g' n' o' C' i' t' l' e' w' n' w' t' g' f' w' 48' p' q' x' g' o' d' t' g' 42320' W' p' E' q' o' k' 2 ' f' g' r' k' u' q' v' i' g' c' 2 i' c' r' g' o' g' p' v' 2 v' 2 c' d' r' k' < n' o' o' g' f' c' v' g' r' c' t' n' c' x' k' i' P' q' 06738' f' w' F' k' t' g' e' v' w' t' I' 2 p' 2 t' c' n' f' g' u' D' e' t' t' c' i' g' u' g' v' f' g' u' I' t' c' p' f' u' V' t' c' x' c' w' z' J' { f' t' c' w' r' k' s' w' g' u' O' E' g' u' f' g' w' z' e' q' o' k' 2 u' u' q' p' v' e' q' o' r' q' u' 2 u' r' c' t' n' g' u' "

o 'o gu'o go dtgu."f qpvr'rkung'hi wtg'ek/f guuquw0

"

**Rt<sup>2</sup>ukf gpv'**

FI DI VJ " \*Fktgevgw" I <sup>2</sup>p<sup>2</sup>tcn' f gu" Dcttci gu" gv' f gu" I tcpf u" Vtcxcwz" J {f tcwks wgu." O kpkv<sup>3</sup>tg" f g" nCi tlewnwtg+"

"

**O go dtgu'**

3+ Wp'tgr t<sup>2</sup>ugpvcv'f w'O kpkv<sup>3</sup>tg'f g'nGpxkqppgo gpv'

4+ Wp'tgr t<sup>2</sup>ugpvcv'f g'nK O " \*fpuksw/P cvkqpcn'f g'rc' O <sup>2</sup>v<sup>2</sup>qtqmi kg." O kpkv<sup>3</sup>tg'f g'Vtcur qtwa+"

5+ Wp'tgr t<sup>2</sup>ugpvcv'f w'O kpkv<sup>3</sup>tg'f g'nGs wr go gpv'

6+ FI TG" \*Fktgevgw" I <sup>2</sup>p<sup>2</sup>tcn'f gu" T guuqwtegu'gp' Gcw." O kpkv<sup>3</sup>tg'f g'nCi tlewnwtg+"

7+ FI CEVC" \*Fktgevgw" I <sup>2</sup>p<sup>2</sup>tcn'f g' nCo <sup>2</sup>pci go gpv' gv' f g" n" Eqpugtxcv'kqp" f gu" Vgttgu" Ci tleqrgu." O kpkv<sup>3</sup>tg'f g'nCi tlewnwtg+"qw'uqp" f<sup>2</sup> r<sup>2</sup> i w<sup>2</sup> "

8+ Fktgevgw" I <sup>2</sup>p<sup>2</sup>tcn'f g'rc' Tgej gtej g'gv'f w'F<sup>2</sup>xgnrr go gpv'Ci tleqrg." O kpkv<sup>3</sup>tg'f g'nCi tlewnwtg+"

9+ FI H" \*Fktgevgw" I <sup>2</sup>p<sup>2</sup>tcn'f gu" Hqt' w." O kpkv<sup>3</sup>tg'f g'nCi tlewnwtg+"qw'uqp" tgr t<sup>2</sup>ugpvcv'

: + Fktgevgw" f w'ETFC" Ctkpc"

; + Fktgevgw" f w'ETFC" O cpqwdc"

32+ Fktgevgw" f w'ETFC" Dk' gtvg"

\*ETFC" <Ego o kuuctkv' T<sup>2</sup>i kqpcn'cw' F<sup>2</sup>xgnrr go gpv'Ci tleqrg+"

33+ Fktgevgw" f g'nGzr mqkv'kqp" f gu" Dcttci gu." FI DI VJ . " O kpkv<sup>3</sup>tg'f g'nCi tlewnwtg+"

"

**Uget<sup>2</sup>wtkv'**

Fktgevgw" f gu" Gwf gu'f g' O qdkru'kqp" f gu" Gcwz." FI DI VJ . " O kpkv<sup>3</sup>tg'f g'nCi tlewnwtg+"

"

Qwtg'ngu'r gtuppgu'rkv<sup>2</sup>gu'ek'f guuwa." ng' Rt<sup>2</sup>ukf gpv'r gw'kpxkgt" f gu" o go dtgu" f qpvr'rc' ct'v'ekr cv'kqp" guv' eqpuk<sup>2</sup> t<sup>2</sup>g'wkn'cwz" cev'kxk<sup>2</sup> u'f w'eqo k<sup>2</sup> "gp" s wgu'kqp0

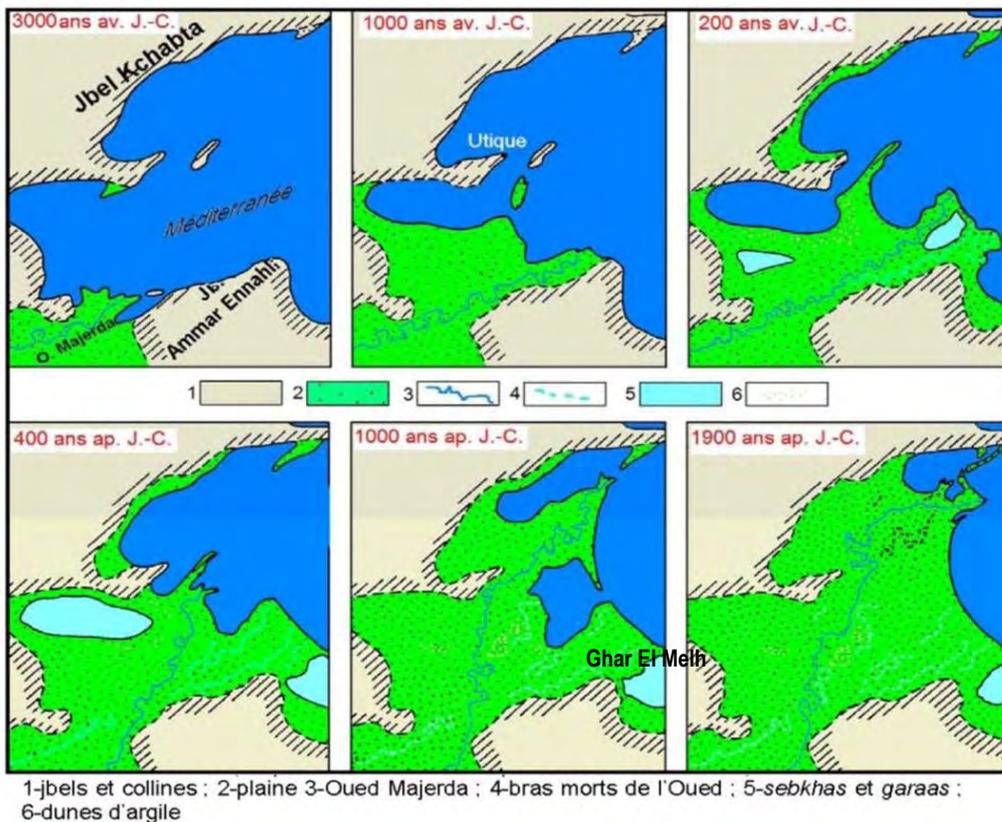


**Vedrgew'4/3'Ectce<sup>2</sup>tkuks wgu'vqr qi tcr j ks wgu'f gu'gpxk qpu'f g'hqwgf 'O glgtf c'f cpu'ic't<sup>2</sup>i kqp'f g'  
 n' wf g'q' qpg'F 4+'**

T <sup>2</sup> i kqp"	Gpxk qpu'f g'hqwgf "O glgtf c"	Dcuugu'gtt gu'Rckpg"	O qpvc i pgu'gv'eqmkgu' gpxk qppcvgu'
Dcttci g'Nctqwuuk'/" Cxcnif g'Vgdqwdc"	Nqwgf "O glgtf c"u'f eqwrg'gp'etgwucpv' ngu'dcuugu'gtt gu'ukw <sup>2</sup> gu'gpv'g'ngu' o qpvc i pgu'0'	Ncti gw'f gu'dcuugu'gtt gu'<4"<5" no 0' *Cnkwwf g'42"<82'o +'	Ngu'gpxk qpu'vqpv'f gu'   qpgu'bo qpvc i pgwugu' *gzv <sup>2</sup> o k <sup>2</sup> 'pqt f / gu'v'f gu' o qpvc i f'g'ic'v'cu+'
Cxcnif g'Vgdqwdc'/" Lgf g'k'c" /'Dcttci g'Vqdku'	i 'egt'ckpu'gpf tqku.'ngu'f ki wgu' pcwt gngu'gv'ngu'r ct vgu'<f ki wgu' ct v'k'k'k'k'ngu'uqpv'cuug'   j cwgu.'gv'ngu' dcuugu'gtt gu'f g'ic'r rckpg' f )kpqpf c vkqp'u'cdckuugpv'gpeqt g'0'ngu' dcuugu'gtt gu'uqpv'rcti gu'f w'e'v'z' pqt f 0'	i 'ic'v'q'v'g'f g'ic'r ct v'k'k'k'k'ngu'uqpv'cuug' ngu'o qpvc i pgu.'ngu'dcuugu'gtt gu' u'f rcti kuugpv'gp'f k'g'v'k'p'f g'ic'r" r rckpg'e'v'k'k'k'k'ngu'uqpv'cuug' "O glgtf c" u'f eqwrg'f gr wku'ng'uw'f "gv'ngu' dcuugu'gtt gu'u'f v'g'p'f gpv'f w'e'v'z' pqt f 0' *Cnkwwf g'8"<42'o . "cnkwwf g'f g'ic'r"   qpg'dcuug'f )GriO cdvqwj '6"<8'o +'	Cwz'cngpv'v'w'u.'k'it'g'v'g'f gu' r tqm'p' go gpv'f gu'   qpgu' o qpvc i pgwugu'ck'puk's w'g'f gu'   qpgu'f g'eqmkgu' *cnkwwf g'58'o "cwz'gpxk qpu' f g'M'ic'v'Ncpf c'ng'w'u." cnkwwf g'48'o "cwz'gpxk qpu' f w'Rqt v'Xkng'0'
Dcttci g'Vqdku'/" Go dqvej w'g'f g" nqwgf "O glgtf c"	Wp'ecp'ic'f g'f <sup>2</sup> tkc'v'k'p" ct v'k'k'k'k'ngu'uqpv'cuug' gpv'et gw <sup>2</sup> "gu'f g'x'gpw'ng" eqwtu'f )gcw'cewgr'0'Ng'xq'no g'f )gcw' p <sup>2</sup> egu'ck'g'<"nc'p'ek'p'eqwtu'f g'ng'w'g'f " gu'f <sup>2</sup> tk <sup>2</sup> "<j cw'gw'f w'dcttci g" Vqdku'0'N'c'p'ek'p'eqwtu'r qu'f g'f g" j cw'gw'f ki wgu'pcwt gngu'gv' ct v'k'k'k'k'ngu.'gv'ngu'dcuugu'gtt gu'f g'ic'r" r rckpg'f )kpqpf c vkqp'u'cdckuugpv' gpeqt g'0'	Ncti g'r rckpg'e'v'k'k'k'k'ngu'uqpv'cuug' rci w'p'g'uw'f ng'v'k'k'k'k'ngu'uqpv'cuug' pqt f 0' *Cnkwwf g'2"<8'o . "gtt'ck'p'u'dcu'f g" ic'v'k'k'k'k'ngu'uqpv'cuug' g'2"<6'o +'	Cwewpg'   qpg'bo qpvc i pgwug' qwf g'eqmkgu'p'gu'v'x'k'k'k'k'ngu'uqpv'cuug'0'

Gzr rls wqpu'lek'ng'r tqegu'w'f g'hqto c'k'q'p'f g'ic'r" | qpg'F 4" ch'p'f g'ic'o k'gwz' "2 em'k'ek' "ugu"ectce<sup>2</sup>tkuks wgu'  
 vqr qi tcr j ks wgu' Ngu' f qpp<sup>2</sup> gu' cte j<sup>2</sup> qm'j ks wgu' rckuugpv' uwr r qugt' s w'g' ic' t<sup>2</sup> i t'guuk'p' o ctk'p'g'f cpu' ic' dck'  
 f )Wks w'g' \*Vvpku' c' u'w'k'k' ng'r tqegu'w' k'p'f ks w' u'w' ngu' ect'v'gu' u'w'k'c'p'v'gu' Nc' dck'g' c' "2 v' hqto<sup>2</sup> g' r ct' ic'  
 v'c'p'ui t'guuk'p' o ctk'p'g' u'w'x'gp'w'g' cw'Rqu'v' i rck'k'g' . "k' | "c" g'p'x'k'q'p' "8" "222" cpu. "r wku'ngu'u'f ko gpv'c'r r qt'v' u'r ct'  
 nqwgf "O glgtf c" qp'v'gp'w'k'g' i tcf w'ng'o gpv't'go r r'k'ic'r ct v'k'k'k'k'ngu'uqpv'cuug' pqt f "f g'ic'r" dck'g'0' Cx'ge' ic' t<sup>2</sup> i t'guuk'p' o ctk'p'g' s w'k'c'  
 u'w'k'k' ic' r ct v'k'k'k'k'ngu'uqpv'cuug' "f g'ic'r" dck'g' c' "2 v' "eqo d'f' g'<" ic' h'p'f g'ic'n' C'p'v'k'k'k'k'ngu'uqpv'cuug' . "r wku'ng'v'k'k'k'k'ngu'uqpv'cuug' g'cewgr'v'gu'v' hqto<sup>2</sup> "gpv'g'ng'  
 O q {gp/-i g'gv'c'w'k'w'f j w'0'Nc'rci w'p'g'f g'f j ct 'GriO g'j n'gu'v'ic'f g'tp'k'k'g'v'c'eg'f g'ic'r" dck'g'f )Wks w'g'0'

Ngu'f qpp<sup>2</sup> gu'f gu'ng'x<sup>2</sup> u'vqr qi tcr j ks wgu'gv'ngu'u' u'v' o gu'f g'eqqt'f qpp<sup>2</sup> gu'uqpv'k'p'f ks w' u'cwz' "c'k'p' cu"408"gv'  
 404'f g'ic'r'F qewo gp'v'k'p'0'



\*Uqwtg'<Tcr r qtvf g'h) wf g'r t<sup>2</sup> rto kpkctg. 'RCUMQHHT0( 'VTQWUGV'R0\*3; ; 4+'Ncpekgppg'Dclg'f o'Wks wg'<T w'v' o qli pci g'  
 f gu'vgz'vu'«'egn'kf gu'ko ci gu'ucvgnkctk'gu'="T gxwg'O CRRGO QP F G. 'pA3"

**Hli wtg'4/4'J kvqt ks wg'f g'ir' t<sup>2</sup> i t gukqp' b ct kpg'f g'ir' dclg'f )Wks wg'**

**\*4+ I<sup>2</sup> qni kg'gv'vni'**

3+'Nqwgf 'O glgtf c'gu'ukw<sup>2</sup> 'r t'kpek crgo gpv'f cpu'wpg' l ppg'f g'f kcr kt. 'ercu<sup>2</sup> g'eqo o g'wpg' l ppg'ut wewt gmg'  
 rcti g0'ki'gz'kvg'«'ngz'x<sup>2</sup> o k<sup>2</sup> 'f g'egwg' l ppg'wpg' hckmg' kpxgtug's wkr' qwuug'ir' l ppg'f g'ir' r ct vkg' pqt f / qwguv'  
 xgtu'ir' r ct vkg' uwf / gu'0Gpv'g' egwg' hckmg' ug' f<sup>2</sup> xgnrr r gpv'f gu' rku'gp' f kt ge vqp' f w'wuf / qwguv' gv'f w'pqt f / gu'0  
 Cw'pkxgcw'f gu' o qpvc i pgu'gv'eqnkpgu. 'ngu'et' u'qp'v'gpf cpeg'«'f gxgpk' cp'v'ekp'crgu'0Rqwt' ngu' r ct vkgu'  
 o qpvc i pgu'gv'eqnkpgu. 'ng' uqnf g'ngwgf 'O glgtf c'gu'v'eqo r qu<sup>2</sup> 'f g'tqej gu'v' f ko gpv'ct gu'v'ecrctk'g. 'f qmto kg.'  
 w'htkg. 'i t<sup>3</sup> u. 'uej kvg. '2 xcr qtkg'+f gu' r<sup>2</sup> tkqf gu'0<sup>2</sup> uq l q' s wg. 'Et<sup>2</sup> vce<sup>2</sup>. 'E<sup>2</sup> pq l q' s wg. 'Gqe<sup>3</sup> pg. 'Qrki qe<sup>3</sup> pg.'  
 O kqe<sup>3</sup> pg' gv'Rikqe<sup>3</sup> pg. 'gv'ngu' r ct vkgu'«'dcuug'cnkww'f g'uqpv'eqo r qu<sup>2</sup> gu'f g'eqwej gu'v' f ko gpv'ct gu'f g'ucdrg'gv'  
 f xti kg'f w'S wcvgt pckg'f w'Rf kvg<sup>3</sup> pg'gv'f w'J qm<sup>3</sup> pg'0Ugwrhg'ecrctk'g'f xcpv'ir' r<sup>2</sup> tkqf g'f w'0<sup>2</sup> uq l q' s wg'  
 hck'ng' d'lgv'f g'z'v'cevkp'f' xti t<sup>2</sup> i cu. 'o cki'uc'f k'v'kd'wkqp'gu'v'ko k<sup>2</sup> g'0

4+'Cwewp'f<sup>2</sup> i -v'ecw<sup>2</sup> 'r ct'f gu'tgo drgo gpv'f g'v'gtt'p'v'v' g'p'tgi kmt<sup>2</sup> 'f gr wku'3; ; 2'gp'Vw'pkulg'v'ugrnp'ir'  
 f qewo gpv'v'kqp'f g'Rt gxgp'v'kqp'Y gd+0Ugnp'egwg'f qewo gpv'v'kqp. 'ir'Vw'pkulg'c'eqppw'f gu'v'2 kuo gu'  
 j kvqtks vgu'f v'wpg'o ci pkw'f g'uwr<sup>2</sup> t'kgw'g'«'9'f cpu'ngu'c'pp<sup>2</sup> gu'634.'. 78'gv'39460

5+'Ugnp'ngu't<sup>2</sup> uwn'v'f g'ng'kpxguki cvkqp'uw' ng' uqnf g'ngwgf g'ng'v'f g'ng'w'f g'r t<sup>2</sup> r ct cvkt g. 'ng' uqnf g'ir' l ppg'f 4"  
 f g'ngwgf 'O glgtf c'gu'v'eqo r qu<sup>2</sup> 'gp' r t'kpek g'f' xti kg'v'ko qpgwug. 'ucdrgwug. 'xcugwug'gv'f g'ucdrg'0Cw'pkxgcw'  
 f g'ng'v'c'x'w' r' qp'v'gtt'qx'k'k'g'f g'Lg'f g'k'f c. 'ng' uqnf gu'v'eqo r qu<sup>2</sup> 'f cpu'ir' r nwr ct'v'f gu'v'go r u'f gu'v'v'k'v'2 r' o gpv'

"

uwuo gpvkpp<sup>2</sup> u.'q'Áhqp'tqwxg'tctgo gpv'f gu'eqwej gu'o kpegu'f g'ucdrg0K'iguv'uw r qu<sup>2</sup> 's wg'uw'ñco qpv'f w'  
r qpv'f g'Lgf gkf c'igu'eqwej gu'f g'ucdrg'ucpv'f g'r nu'gp'r nu'<sup>2</sup> r ckuugu0Rct'ckngwt.u.'rc'r t<sup>2</sup> ugpeg'f g'uwduwcwo "  
\*i t<sup>3</sup> u.'i t<sup>3</sup> u'gv'uej kng.'tqej gu'f<sup>2</sup> eqo r qu<sup>2</sup> gu+'c'<sup>2</sup> v<sup>2</sup> 'x<sup>2</sup> tkt<sup>2</sup> g'<<'wp'g'r tqhpf gwt'uw<sup>2</sup> tkgwt'g'<<'35'o 'cw'ukg'f w'  
Rqp'f g'Lgf gkf c0; 2' 'f g'hcti kg'guv'wp'cti kg'<<'r rcv'ek<sup>2</sup> '2 rxx<sup>2</sup> g'\*EJ '+ugrqp'ig'U{u<sup>3</sup> o g'Wpht<sup>2</sup> 'f g'  
Ercuukhccv'f gu'Uqu'\*WUEU+0Gp'eg's wk'eqpegtpg'ig'ucdrg.'72' 'gu'f w'ucdrg'iko qpgwz'\*UO '+gv'ig't'gung'  
gu'eqo r qu<sup>2</sup> 'f g'ucdrg'f g'eqo r quk'qp'ugt<sup>2</sup> g'\*UR+'gv'igwt'kpv'gto<sup>2</sup> f kct g0'

6+'Ngu'eqwej gu'o qngu'\*uqñcti kngw'f' )pg'xcrgwt'P 'f w'r<sup>2</sup> p<sup>2</sup> tqo<sup>3</sup> v'g'f {pco ks wg'kpf<sup>2</sup> tkgwt'g'<<'6.'qw'dkpg'wp'g'  
r tguukp'f g'hnci g'kpf<sup>2</sup> tkgwt'g'<<'7'dct'f g'hguuck'f g'ej cti g'gp'hqci g.'wp'g'r tguukp'iko kg'kpf<sup>2</sup> tkgwt'g'<<'32'dct.'  
eqghkelpv'f g'f<sup>2</sup> hqto cwkp'kpf<sup>2</sup> tkgwt'g'<<'322'dct+'xqpv'f w'r qpv'tqwkgt'lwus w'<'Mccrv'Ncpf crqwu0C'wp'g'  
r tqhpf gwt'uw<sup>2</sup> tkgwt'g'<<'7'o<sup>3</sup> v'gu'uw'ic'eqwej g'uw<sup>2</sup> tkgwt'g.'ug'tqwxgpv'f gu'eqwej gu'f' )pg'<sup>2</sup> r ckuugwt'f g'  
37'<<'49'o .'gv's wk'f g'xkppgpv'f g'r nu'gp'r nu'<sup>2</sup> r ckuugu'uw'ic'ct'v'g'cxcr0E'gu'eqwej gu'qp'v<sup>2</sup> v<sup>2</sup> 'i crgo gpv'  
x<sup>2</sup> tkt<sup>2</sup> gu'<<'32'<<'42'o 'f g'r tqhpf gwt'f cpu'ic'ct'v'g'egp'tcr'v'g'p'cp'v'x'gtu'ñco qpv'f w'dcuukp'f g't'gctf go gpv'  
f'Grl'O cdv'w'j .'s wk'xqpv'f' )p'gp'f tqk'<<'r tqzko k<sup>2</sup> 'f w'r qpv'Vqdku'gv's wk'f g'xkppgpv'f g'r nu'gp'r nu'o qngu0'  
K'iguv'uw r qu<sup>2</sup> 's w'ngnu'ucpv'f<sup>2</sup> eqo r qu<sup>2</sup> gu0'Ngu'eqwej gu'o qngu'cw'pkxgcw'f w'ikv'<<'ic'tkx'g'i cwej g'f w'r qpv'f g'  
Mccrv'Ncpf crqwu.'ug'ukwgpv'lwug'gp'f guu'w'f g'ic'eqwej g'uw<sup>2</sup> tkgwt'g'<<'2 r ckuugwt'gp'v'g'3'gv'4'o<sup>3</sup> v'gu+'gv'  
cr r ctkcuugpv'uw'ic'uw'hceg'uk'ñqp'gpr<sup>2</sup> xg'ig'ug'ñf g'ic'uw'hceg0'

7+'Rqw't<sup>ñ</sup> rcti kuugo gpv'f gu'eqwtu'f g'cw'gv'eqo o g'kpf ks w<sup>2</sup> 'cwr ctcxcpv'qp'r t<sup>2</sup> xqk'wp'g'r gpv'f g'ic'dgti g'f g'  
3'<<'4'j cwgw'3'<<'f kucpeg'j qtk qpvcrg'4+'f cpu'ngzccxcv'kpp0Uk'ic'j cwgw'f g'ic'dgti g'f<sup>2</sup> r cuug'7o .'qp'f "  
r t<sup>2</sup> xqk'wp'g'dgo g'f g'5o 'f g'ic'g0Gp'eg's wk'eqpegtpg'hcti kg'ucdrgwug'gv'hcti kg'iko qpgwug'<<'h'ezgr v'kpp'  
f gu'eqwej gu'o qngu.'ugrqp'ig'ecrew'f w'hcevgw'f g'u<sup>2</sup> ewt<sup>2</sup> 'o kpo wo 'gp'r t<sup>2</sup> xkukp'f w'i rkuugo gpv'ektewrct'g'  
uw'ic'r gpv'f g'ic'dgti g'f g'o 'f g'j cw.'ig'hcevgw'f g'r t<sup>2</sup> xkukp'f g'ug'v<sup>2</sup> rxx<sup>2</sup> 'o 'o g'cxge'ic't<sup>2</sup> ukucpeg'f g'  
ekuckngo gpv'o kpo crg'ces w'ug'ñtu'f g'h'kpx'g'ki cwkp'uw'ig'ug'ñf'gh'gew<sup>2</sup> g'f w'cpv'ñ'Gwf g'r t<sup>2</sup> r ctcv'kt'g.'gv'  
t'gung'ucdrg'r qwt'ngzccxcv'kpp'f g'ic'ct'v'g'uw<sup>2</sup> tkgwt'f g'uw'hceg'f' g'cw'f w'cpv'ic'ucukpp'ic'ej g0F'cw'wt'g'r c'tv'  
o 'o g'gp'ecrew'cpv'ig'hcevgw'f g'u<sup>2</sup> ewt<sup>2</sup> 'gp'ej cpi gcpv'ic'j cwgw'<<'7o .'ic'r gpv'f g'ic'dgti g'f g'ug'ucdrg'  
r qwt'igu'eqwej gu'j'qtu'eqwej gu'o qngu'gv'igu'eqwej gu'f g'ucdrg'ñtu'f g'h'gpr'xgo gpv'f g'ic'eqwej g'  
uw<sup>2</sup> tkgwt'g'f w'cpv'ic'ucukpp'ic'ej g0Uk'ñqp'eqpuk'<sup>3</sup> t'g'ic'u<sup>2</sup> ewt<sup>2</sup> 'eqpv'g'ig'i rkuugo gpv'ektewrct'g'f g'  
ñgp'ki wgo gpv'tgo drc'kgo gpv'f cpu'ig'ecu'f g'r t<sup>2</sup> ugpeg'f g'eqwej gu'o qngu'lwug'gp'f guu'w'f w'ug'ñf g'ic'  
uw'hceg'j cwgw'5'o 'gv'7'o .'uw'hceg'uw<sup>2</sup> tkgwt'g'32o .'r gpv'f g'ic'dgti g'3-4+'ñgh'pft go gpv'ugt'c'  
k<sup>2</sup> xkcdrg'uk'ic'j cwgw'f w'tgo drc'kgo gpv'f<sup>2</sup> r cuug'9'o 0'

8+'Ngu't<sup>2</sup> uwncu'f g'h<sup>2</sup> w'f g'i tquuk<sup>2</sup> tgo gpv'f g'ic's wcpv'k<sup>2</sup> 'gv'f w'vgo r u'f ð'hckuugo gpv'f cpu'  
ñgp'ki wgo gpv'tgo drc'kgo gpv'gh'gew<sup>2</sup> 'cwz'| qpgu'c'cpv'f gu'eqwej gu'o qngu'f'wp'g'<sup>2</sup> r ckuugwt'ko r qt'cpv'g'  
uqpv'eqo o g'uwk'<'  
k'Ukg'f w'r qpv'Mccrv'Ncpf crqwu'<'S wcpv'k<sup>2</sup> 'f ð'hckuugo gpv': .6eo .'Vgo r u'f ð'hckuugo gpv'52; 'o qku'  
\*Eqpuqrf cwkp'; 2' ='  
k'Ukg'f w'r qpv'tqwkgt'I R: '<'S wcpv'k<sup>2</sup> 'f ð'hckuugo gpv'67.5eo .'Vgo r u'f ð'hckuugo gpv'468'o qku'  
\*Eqpuqrf cwkp'; 2' ='  
\*K'ic'ci k'lek'f g'ecrew'gt.'lwug'cw'f guu'w'f w'egp'v'g'f w'icr<sup>3</sup> | g'\*gp'cr r drc'v'kpp'f w'eqghkelpv'f g'gh'g'  
f'Qugtdgti +'ic's wcpv'k<sup>2</sup> 'gv'ig'vgo r u'f ð'hckuugo gpv'uw'ic'dcug'f'wp'tgo drc'kgo gpv'gp'hqto g'  
v'cr<sup>2</sup> | q'f crg'f g'7o 'f g'j cw.'f qpv'ic'hceg'uw<sup>2</sup> tkgwt'f g'32o 'gv'ic'hceg'kpf<sup>2</sup> tkgwt'f g'52o .'uw'wo ku'<<'wp'g'

/ wf g'Rt<sup>2</sup>rcrcwkt g'rqwt 'ig'Rt qlgvf g'I gukqp'kpv<sup>2</sup> i t<sup>2</sup> g'gvf g'Nwwg'eqpw g'igu'kqpf c vkqu'f'cpu'g'Dcuukp'f'g'  
 nqwgf 'O glgtf c'<F<sup>2</sup>xgrqrr go gpv'f gu'O gumt gu'Rt<sup>2</sup>xgpv:kgu'eqpw g'igu'kqpf c vkqu'  
 [ cej k'q'Gpi kpggt kpi 'Eq0'Nf0'

"

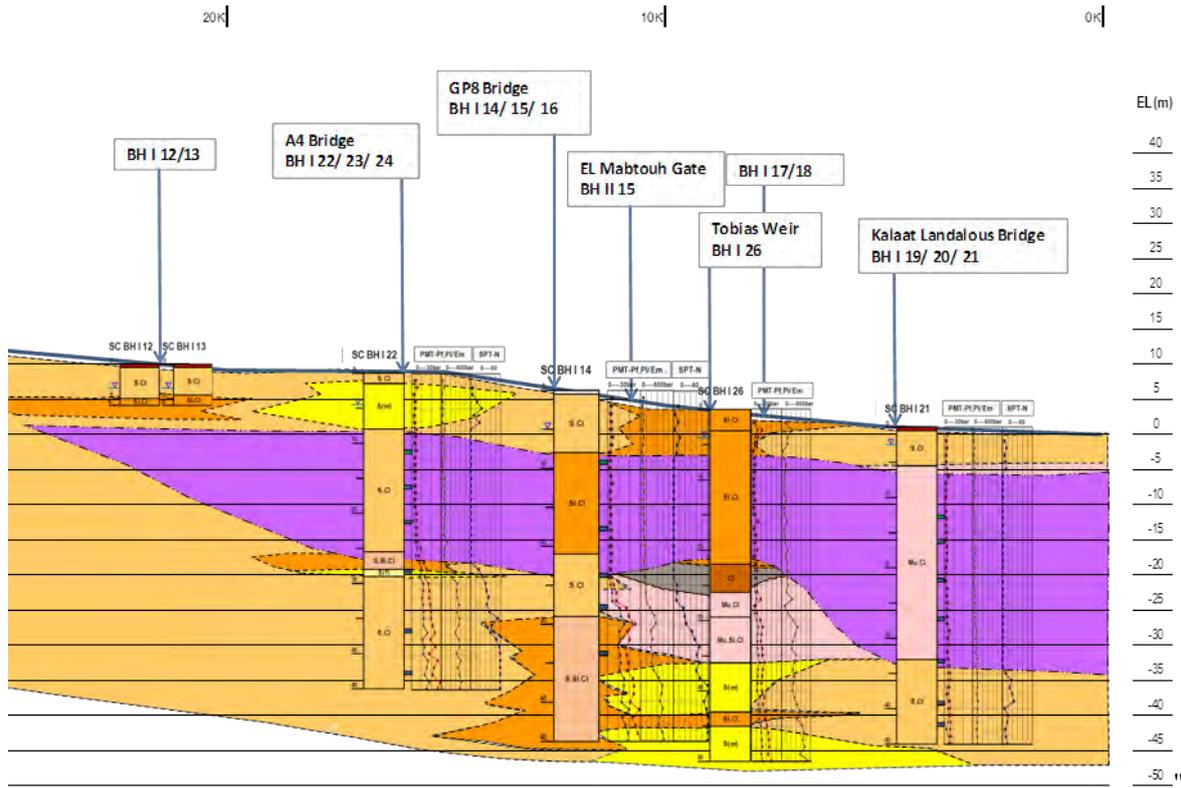
ej cti g'f'g'tchle'f'g'3xhlo 4\*\*; 0 nP lo 4+: "uwkxcpv'igu'eqpf k'kqu'f'g'eqpuqrk' c vkqp't<sup>2</sup> i wrk<sup>2</sup>tg'gvf g'f' tckpci g'  
 r ct'f'gwz'hegu'"

9+Ng'uqrf g'uwr r qt v\*eqwej g'gp'cti krg'f'wp'g'xcrgwt'P "uwr<sup>2</sup>t'kgwt'g'<42+-'s wk'ugtc'wkrkz' "eqo o g'hqpf c vkqp"  
 r qwt'igu'ut wewt gu'p)c' r cu'<sup>2</sup> v' x<sup>2</sup> t'kkr' uwt'ig'ukg'f'wr qp'v'f'g'Mcncv'Ncpf cm'wu'gv'ig'ukg'f'w'dcuukp'f'g'  
 t'gctf go gp'v'f'GhO cdvqj 0'K'guv<sup>2</sup> i crgo gp'v'p<sup>2</sup> eguuck'g'f'g'x<sup>2</sup>t'k'kgt'rc' r ct'v'g'r tq'kqpf g'uk'h'co<sup>2</sup> r'kqtc vkqp'f'g'  
 r qp'w'q'w'h'k'puc'nc'vkqp'f'g'r'kgwz'ug't<sup>2</sup>x<sup>3</sup>rg'p<sup>2</sup> eguuck'g'0'

: +Gp'eg's wk'eqpegtp'g'igu'ukgu'f'ci t<sup>2</sup> i cv'p<sup>2</sup> eguuck'g'cwz'ut wewt gu.'ugmp'igu't<sup>2</sup> uwrnc'w'f'g'rc'x'kukg'cwz'ukgu'  
 f'gz'v'c'vkqp'f' C' t'kpc'gv'f'g'Vgdqwt'c. 'hcr r tq'x'kuk'ppgo gp'v'gu'r qu'k'k'ng'0'Egr gp'f'cpv'igu'ci t<sup>2</sup> i cu'gz'v'c'ku'  
 f'gu'ukgu'f'gz'v'c'vkqp'<'r tq'z'lo k<sup>2</sup> 'f'w'ukg'f'g'h<sup>2</sup> wf'g'u'qp'v'gp'r t'k'p'k'g'f'g'rc'w'h'k'g.'gv'wp'g'r ct'v'g'gp'ec'reck'g'0'  
 Nc'w'h'k'g'c'v'gp'f'peg'<'ug'f<sup>2</sup> i tcf'gt'gv'ug'ecu'gt'rc'ek'go gp'0'U'k'wp'g'j' cw'g't<sup>2</sup> uk'nc'peg'gu'v'p<sup>2</sup> eguuck'g.'k'h'f'w'f'c'  
 f'qpe'x'q'k'rc' r qu'k'k'k'k<sup>2</sup> 'f' r r tq'x'kuk'ppgo gp'v'f'wp'ec'reck'g'r'nc'u'f'w'<'r ct'v'k'f'c'w'w'gu'ukgu'q'w'x'q'k'rc'  
 r qu'k'k'k'k<sup>2</sup> 'f'g't'g'p'q't'eg't'rc'f' gu'k'qp'f'g'rc's'w'ck'z' r ct'ig'v'k'f'g'nci t<sup>2</sup> i cv'w'k'k'z'0'

Ng'f<sup>2</sup> v'k'it'g'rc'v'h'<'rc'f<sup>2</sup> q'ni'kg'gu'v'lp'f'ls w<sup>2</sup> 'f'cpu'405. 'gv'egn'k't'g'rc'v'h'c'wz' u'q'u'gu'v'lp'f'ls w<sup>2</sup> 'f'cpu'406'f'g'  
 ncr r gp'f'leg'0'

"



NGI GP F "Uq'ki'Ut'cv'U'ge'v'k'p+

Cpdc'pno' g'pv	S, Cl	U'k'p'f' { 'E'rc' { "	S	U'k'p'f' { 'S' * 'E'rc' { g { U'k'p'f' 'H'p'g'q' 'O'g'f'k'wo' U'k'p'f' +
U'w'h'c'g'U'q'ln	M, Cl	O'w'f' { 'E'rc' { . 'O'w'f' { 'U'w'f' 'E'rc' {	Ss	D'c'w'g' { 'T'q'eni' { U'k'p'f' u'q'p'g. Y' g'c'v' g'f' U'k'p'f' u'q'p'g' C'ng't'p'c'k'p'g' +
Cl	Ait	C'ng't'p'c'k'p'g'q'h'U'k'p'f' 'c'p'f' 'E'rc' {	S, Cl	U'q'w'f' t'q'w'p'f' "P' x'c'w'g'g'w'q'f' '6'q'h'ere' { 'c'p'f' 'k'w' +
S, Cl	S, Cl	U'w'f' 'E'rc' {		

**H'i wt'g'4/5'Eqwr'g'h'ppi kwf'lp'c'rg'f'gu'eq'wej'gu'f'w'lu'q'f'cpu'f'rc' | q'p'g'c'x'c'rl'g'h'ppi'f'w'eq'wt'u'r't'k'p'k'c'rl'f'g'  
 n'q'w'g'f' 'O' glgtf c' \*eq'wej'g'v'g'p'f' t'g'lp'f'ls w<sup>2</sup> g+'"**

"

**4004 Eiko cv'gvj {ft qmji lg''**

**\*3+ Cr gt±wf w'enko cv'**

Nc''Vwpkug'' guv'ukw<sup>2</sup> g''uwt''ng''rkvqtcn'o<sup>2</sup> f kgttcp<sup>2</sup> gp''f g''nChks wg''f w'P qtf 0'Wpg''| qpg''u<sup>3</sup> ej g''f g''erko cv'  
f<sup>2</sup> ugt vks wg''qwf g''uwr r g''qeewr g''r'o clgwt g'r ct vkg'f w'vgttkqkt g.''gp''r ct vkwldgt''f cpu'ig''uwf''s wk'guv'tcwej<sup>2</sup>''cw'  
f<sup>2</sup> ugt v'f w'Uej ctc.''o cku'r'e'z'g'cw'pqt f''f w'r c{u'guv'f g''erko cv'o<sup>2</sup> f kgttcp<sup>2</sup> gp0'

Gp''<sup>2</sup> v'.''uckuqp''egpv<sup>2</sup> g''uwt''ng''o qku''f g''lwkngv.''ngu''cpvke {emppgu''uwtvqr kecwz''xgpwu''f w'uwf''r t<sup>2</sup> f qo kpgpv.''cxge''wp''erko cv'ej cwf''gv'uge0'Egu''cpvke {emppgu''ug'tgvt gpv'xgtu''ng''uwf''gp''j kxgt.''f qpv'ig''e0 w''guv'ig''o qku''f g''lcpxlgt.''clpuk''s wcvz''ej cpi go gpv''f g''uckuqp0'Wp''erko cv'f qwz''eqwxtg''cmtu''ng''r c{u0'î ''egu''r<sup>2</sup> tkqf gu.''n'phwvpeg''f g'r gtwtdcvkpu'lt qpvngu''gv'f g'o cuug'f'ck'luqwo gv'ig''P qtf.''{'eqo r tku'r'e'} qpg''ekdr'g'r ct'ng''wf g.''«'vp''go r u'kpuvdrng.''cxge''f gu'r t<sup>2</sup> ek'kc v'kpu'qdugt x<sup>2</sup> gu'h<sup>2</sup> s wgo o gpv0'î ''o gumt g's wg''ng'p'ug'f k'ki g'xgtu'ig''uwf.''ng''xqno g''f gu'r t<sup>2</sup> ek'kc v'kpu''cppwngv''dckuug''gv'r''go r<sup>2</sup> tcwt g''o q {gppg''u'f' xg.''ect''ng''erko cv'f<sup>2</sup> ugt vks wg''f g'xlgpv'r n'u'hqt v0'

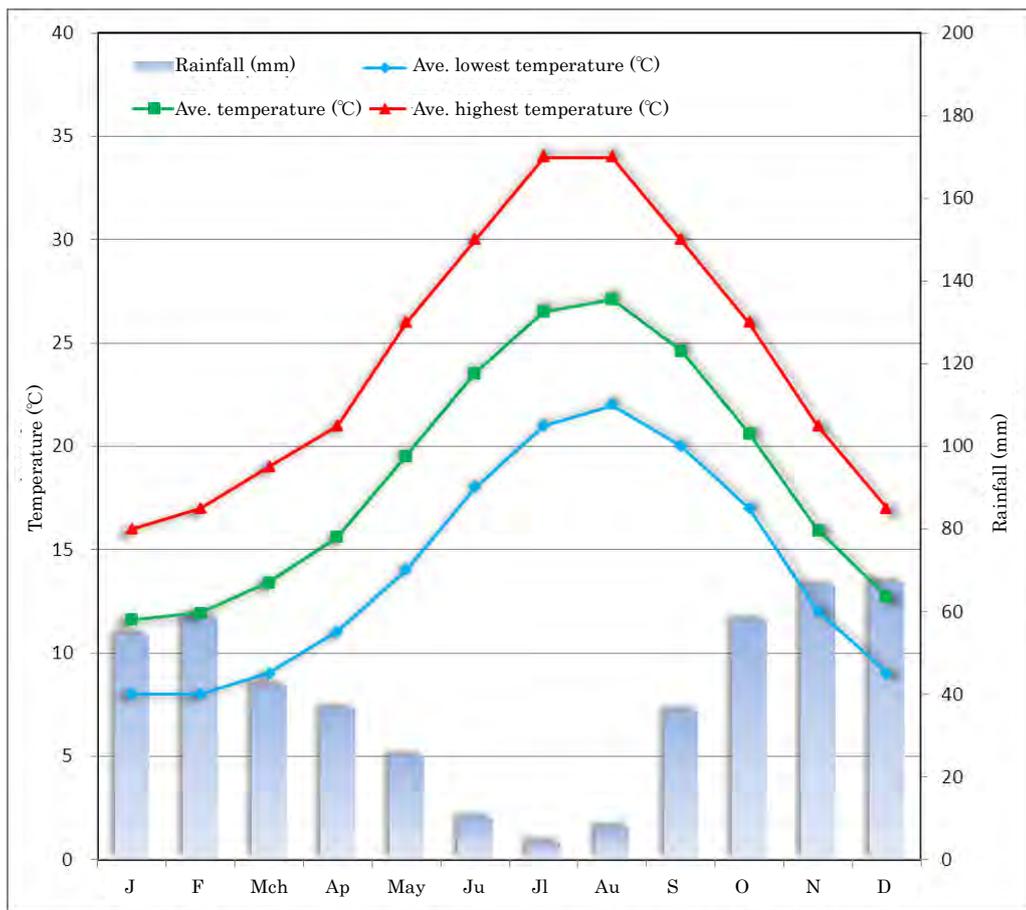
**\*4+ Eiko cv'**

Nc''t<sup>2</sup> i kpp''P qtf''f g'r'e''Vwpkug.''q'Á'ug''v'qwxg'r'e''| qpg''ekdr'g'r ct'ng''wf g.''guv'ectce<sup>2</sup> tk<sup>2</sup> g'r ct'wp''erko cv'ej cwf''gv'uge''gp''<sup>2</sup> v'.''gv'f qwz''gv'j wo kf g''gp''j kxgt0'Gp''lwkngv'cq'Á'x''r''go r<sup>2</sup> tcwt g.''r''s wcpv'k<sup>2</sup>''f' xcr qtcpur kcvkqp''gv''r''f w<sup>2</sup> g''f' g'puqrkng'o gpv'uqpv'o czko crgu.''cmtu''s wg''nj wo kf k<sup>2</sup>''gv'ngu'r t<sup>2</sup> ek'kc v'kpu'iqpv'o k'pko crgu0'

Ngv'go r<sup>2</sup> tcwt gu''o q {gppg''cppwngv''f cpu'r'e''| qpg''ekdr'g'r ct'ng''wf g''uqpv'cr r tqzko cvkxgo gpv'f g''39''«'42''•E.''cxge''wpg''o q {gppg''o g'puwng''f g''49''«'4;''•E''gv''wpg''o q {gppg''f gu''o czko wo u''f g''55''«'56''•E''gp''lwkngv'cq'Á'x''

Nc''o q {gppg''cppwngv''f g''nj wo kf k<sup>2</sup>''t'gr'v'xg''guv'f g''82''«'8: ''.''cxge''f gu''o czko wo u''f g''97''«: 7'' ''«'r'e''uckuqp''f gu''r n'wku.''s wk'xc''f g''f<sup>2</sup> ego dtg''«'lcpxlgt.''gv'f gu''o k'pko wo u''f g''6;''«'82'' ''gp''lwkngv'cq'Á'x''Nc''o q {gppg''cppwngv''f g''ng''xcr qtcv'kqp'r qv'p'v'kng''ug''ukw''gpv'g''3'522''gv'3': 22''o o 0'

''



**Hli wt g'4/6'Vgo r<sup>2</sup> t cwt gu'b q{ gppg'c ppgwng'gv' t<sup>2</sup> ekr kcvkpu'«'Vwplk'**

**\*5+ Rt<sup>2</sup> ekr kcvkpu'**

Ng'u'ecwugu'r t'p'ekr crgu'f gu'r t<sup>2</sup> ekr kcvkpu'gp'Vwplk'g'uqpv'ngu'uwk'cpv'gu'

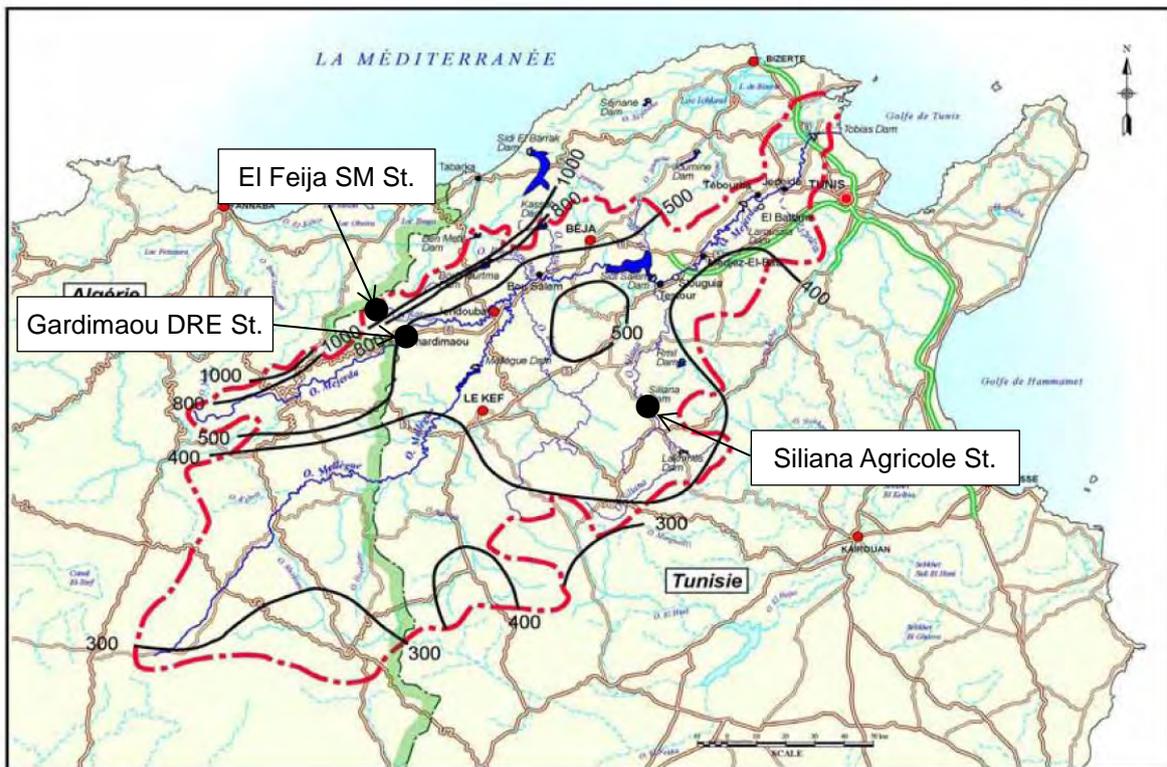
3+ Gp' Vwplk'g.' ngu' 4'5' f gu' r t<sup>2</sup> ekr kcvkpu' uqpv' ecwu<sup>2</sup> gu' r ct' f gu' r gtwt dcvkpu' s wk' pcku'gpv' f cpu' n'c'w'p'ks w'g'P qtf' r wku' r<sup>2</sup> p<sup>3</sup> v'gpv' gp' O<sup>2</sup> f kgttcp<sup>2</sup> g.' gv' r ct' f gu' r gtwt dcvkpu' s wk' r tqxk'gpp'gpv' f g' n'Q'w'gu'v'o<sup>2</sup> f kgttcp<sup>2</sup> gp.' q'Á'g'ngu' uqpv' cr ct' wgu'

4+ F gu' r gtwt dcvkpu' r tqxgpcpv' f g' n' t<sup>2</sup> i kq' f g' E'j { r t'g' q'w' f } c'w'w'g' u' r ct' v'ku' f g' n' G'uv' o<sup>2</sup> f kgttcp<sup>2</sup> gp' " eqo r v'gpv' r qwt' 33' f gu' r t<sup>2</sup> ekr kcvkpu' P qo dt' g'w'gu' gp' c'w'qo pg. g' m'gu' v'gp' gp' «' cr r qt' v'g' f gu' r n'w'ku' t'g' r v'k'x'go gp' v' h'q' t' v'gu'

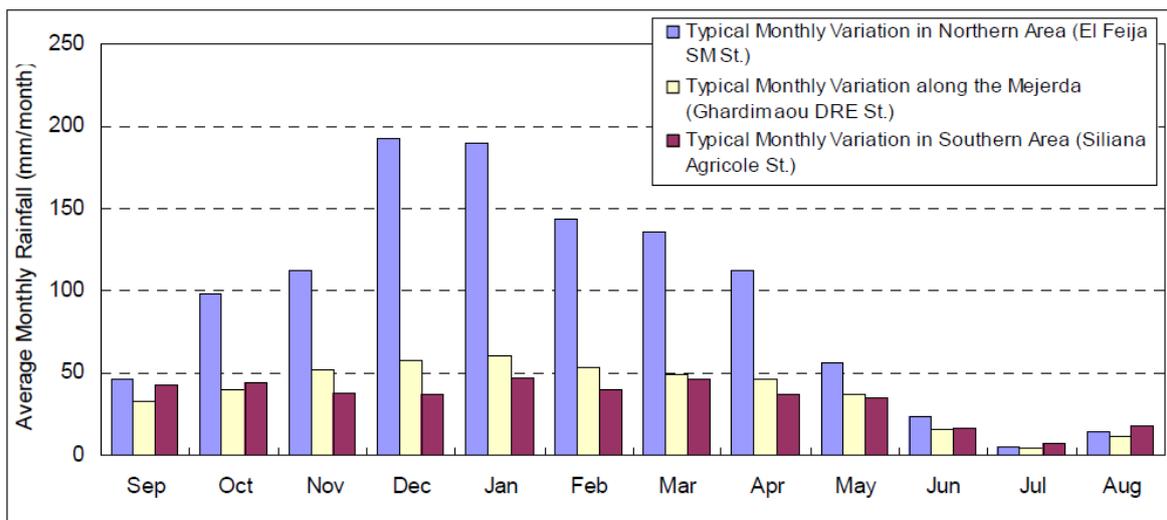
5+ Ng'u' r gtwt dcvkpu' r tqxgpcpv' f w' P qtf' f w' U'c'j c'tc' r t'q' i t'g'u'gpv' f g' r w'ku' n'g' u'w'f / q'w'gu' gp' f k' t' g' e'v'k'p' f g' n'g'u'v' g'v'f w' p'q'f / q'w'gu' G'p' t'c'x'g't' u'c'p'v' r' Vwplk'g' c'x'c'p'v' f g' u'c't't' v'g't' c'w'f g'u'u'w' f g' n' O<sup>2</sup> f kgttcp<sup>2</sup> g.' e'gu' o' c'u'gu' f' c'k' u'g'e' r t'q'x'q's w'gpv' f gu' r n'w'ku' v'q'tt' g'p'k'g'ng'u' u'w' n' G'uv' f' w' r' c' { u' }

Gp' Vwplk'g.' ngu' r t<sup>2</sup> ekr kcvkpu' r t<sup>2</sup> u'g'p'v'gpv' f gu' x'c't' k'v'k'p'u' t<sup>2</sup> i k'q'p'c'ng'u' g'v' u'c'k' u'q'p'p'l<sup>2</sup> t'g'u' g'z'v' o' go gp' v' h'q' t' v'gu' F'cpu' r'gu' t'g'k'g'u' f g' M'j o' k.' «' n'g'z'v' t<sup>2</sup> o' k<sup>2</sup> P qtf' / Q'w'gu'v' f' w' r' c' { u.' n'c' } o' q' { g'p'p'g' c'p'p'w'ng' f' g' u' r' t<sup>2</sup> ekr kcvkpu' c'w'g'k'p'v' 3'722' o' o' . ' o' c'k'u' e'g'ng'u' e'k' f' k'o' k'p'w'gpv' c'w' h'w' t' g'v' «' o' g'w'w'g' s' w'g' n'q'p' r' t'q' i t'g'u'g' x'g'tu' n'g' u'w'f . ' g'v' «' n'g'z'v' t<sup>2</sup> o' k<sup>2</sup> " o' t'k'f' k'q'p'c'ng' f' w' r' c' { u.' n'g'w' t' o' q' { g'p'p'g' c'p'p'w'ng' g'v' k'p'l'f' t'k'g'w'g' t' «' 322' o' o' O' C'k'p'uk' s' w'g' n'g' o' q'p'v'g' n'c' } e'c't'v'g' e'k'f' g'u'u'q'w'u. 'ng'u' d'k'c'u' t<sup>2</sup> i k'q'p'c'w'z' f' g' u' r' t<sup>2</sup> ekr kcvkpu' u'q'p'v' i' c'rg'o' g'p'v' h'q' t' u'f' c'p'u' r'g' d'c'u'k'p' f' g' n'q'w'g'f 'O' g' l'g't'f' c' O' E'g' u' f' k'ur' c't'k<sup>2</sup> u' t<sup>2</sup> i k'q'p'c'ng'u' r' t'q'x'k'g'p'p'gpv' gp' o' c'l'q't'k<sup>2</sup> f' g' u' f' h'f' t'g'p'eg'u' f' g' r' t<sup>2</sup> ekr kcvkpu' g'p'v'g' q'ev'q'd't'g' g'v' c'x't'k'f' o'

Eqo o g'kpf ks w<sup>2</sup> 'uw'ig'i tcr j g'uwxcpv.'f cpu'ng'P qtf 'f g're't<sup>2</sup> i kq'ekdf g'r ct'n) wf g'dcuik'f g're'tkxg'i cwej g'  
 f g'nqwgf 'O glgtf c+.'re' o q{ gppg'o gpuwng'f gu'r t<sup>2</sup> ek kcvkpu'cwi o gpvg'eqpk<sup>2</sup> tcdrgo gpvf' )evqdtg'«'extkn'  
 gp'r ct vkwktg'f g'f<sup>2</sup> ego dtg'«'lcpkgt.'qA' cr r etc, v'wp'r le' o cphkugv'O'Gp'tgxcpej g.'f cpu'rc'r ct vkg'Uwf '\*dcuik'  
 f g're'tkxg'f tqkg'f g'nqwgf 'O glgtf c+.'ngu'f kH<sup>2</sup> tpegu'gpt g'ngu'r t<sup>2</sup> ek kcvkpu' o q{ gppgu'o gpuwng'u'pg'uqp'  
 r cu'cwuk' o cphkugv'u' s vg'f cpu'ng'P qtf 0'Nc' o q{ gppg'c'ppwng'f gu'r t<sup>2</sup> ek kcvkpu'f cpu'rc' | qpg'ekdf g'r ct'  
 n) wf g'gu'rc'r tqzko cwxgo gpvf g'622'«'722' o o 0'



**Hli wtg'4/7'E ct vg'f gu'li pgu'r nwxkqo<sup>2</sup> v'ls wgu'f w'dcuik'f g'h'qwgf 'O glgtf c'.....**  
**\*r t<sup>2</sup> ek kcvkpu'c'ppwng'u'b q{ gppgu'**



**Hli wtg'4/8'F kH<sup>2</sup> tpegu't<sup>2</sup> i kpcngu'gpt g'ngu'b q{ gppgu'b gpuwnguf gu'r t<sup>2</sup> ek kcvkpu'**

**4085 Kpuwnc vkpuf g'eqvt<sup>1</sup>/ig'f g'hkqpf c vkp'gv'kpuwnc vkpu'j { f t cwls wgu'**

Ne"Vwpkug" gu'wp"rc{u'r cwtg"gp"tguuqtegu"j {f t cwls wgu."cxge"wpg"r nwkqo<sup>2</sup> tkg"<"hqt vgu"xctkcvkpu" t<sup>2</sup>i kqpcrgu'qw'ej tqpqmji ks wgu'Uk'ig'xqno g'f g'r t<sup>2</sup>ekr kc vkpu'cppwnggu'gu'cr r tqzko cvkgo gpv'f g'3'722'o o " fcpu'ig'P qtf . 'kif guegp'lwus w'x'o qlpu'f g'72'o o 'fcpu'ngu' qpgu'f<sup>2</sup> ugt vks wgu'f w'Uw'0Ng'r c{u'r t<sup>2</sup>ugpv'f qpe" wpg"xctkcdkrs<sup>2</sup> "t<sup>2</sup>i kqpcrg" f g'rci g'co r kkwf g'0'Ng'xqno g'cppwng'f g'r t<sup>2</sup>ekr kc vkpu'p)gu'r cu'uw'hkucp'v' r qwt" qhhtk" cwz "ewwnt gu'f gu'tguuqtegu"j {f t cwls wgu'ucdrgu'vqwg"ncpp<sup>2</sup> g'vqw"gp"ucvukcukcp'v'cwuk'ngu'cwt gu' f go cpf gu'gp'gcw0

Rqwt'egw'tckuq. 'f gu'dctci gu/t<sup>2</sup> ugt xqktu'qp'v<sup>2</sup> v'eqput vku.'r gto gwcpv'f g'vqengt'ngcw'f g'twkuugmo gpv' f g'uwthceg'gv'f g'ucvukcuk'g'rc'f go cpf g'gp'gcw0'Rgpf cpv'r nwkgtu'cpp<sup>2</sup> gu.'f gu't<sup>2</sup> ugt xqktu'gv'f gu'kpuwnc vkpu" f xco gp<sup>2</sup> g'qp'v<sup>2</sup> v'eqput vku'f cpu'ig'P qtf "wpkukgp.'eg's wkc'r gto kif g'vqengt'ngcw'f g'r nwk'gv'f g'eqo drgt'ig' hqu<sup>2</sup> "gpv'g'ngu'cpp<sup>2</sup> gu'f gcw'cdqpf cpv'g'gv'ngu'cpp<sup>2</sup> gu'u<sup>3</sup>ej gu'0'F gu'kpuwnc vkpu"uw r r'f o gpv'ck gu' uqpv' gp" eqput wvkp'qw'gp'r tqlgv.'chk'f g'vqengt'ig'r nu'r quikdr'f gcw'f g'twkuugmo gpv'f g'uwthceg0

Ng'dcuikp'f g'nqwgf "O glgtf c"eqo r qtvg"cewngmo gpv'; "dctci gu'qr<sup>2</sup> tcvkppgu."ckpuk's wg"8" cwt gu'gp" eqput wvkp'qw'cw'ucf g'f g'rc'eqpegr vkp'qw'f g'rc'r rcp'hkcvkq0'Ngwtu'ectce<sup>2</sup> tkus wgu'r tkpek crgu'gv'ngwtu' go r r'ego gpv'uqpv'kpf ks w' u'ek'f guuqwu'0'Ret'ckngwtu.'ig'dctci g'Nctqwuik'gu'v'wp'kpuwnc vkp'f g'r tkug'f gcw' f guk<sup>2</sup> g' <"co gpvt'ngcw'cw'ecpni'0 glgtf c/ecr "Dqp." gv'ig' dctci g'Vqdku" hqpevkppg" nwk'cwuk'eqo o g' kpuwnc vkp'f g'eg'v' r g0

**Vcdrgw'4/4'Ectce<sup>2</sup> tkus wgu'f gu'dctci gu'f w'dcuik'f g'hqwg' 'O glgtf c'**

Dctci g"	Dcuik'f g" t <sup>2</sup> egr vkp" *no <sup>4</sup> +'	Xqno g'f g'vqenci g'cw' pkxgcw'o czko wo " *3'222'222'o <sup>5</sup> +'
Uk'k'Ucigo "	3: "3; 3"	: 7; .7"
O gn <sup>2</sup> i wg"4, "	32"322"	556.2"
Dqw'J gwtvo c"	5; 2"	386.2"
O gn <sup>2</sup> i wg"	32"52; "	369.7"
Uk'k'pc"	3"262"	347.3"
Vguuc, "	3"642"	347.2"
Mcuugd"	323"	: 4.8"
Dgp'O gvt"	325"	95.6"
Ucttcj, "	3": 72"	6: .7"
Dglc, "	94"	68.2"
Mj cmgf, "	525"	59.2"
Ej chqgw, "	439"	36.2"
Ncnj o gu"	349"	: .6"
To ki'	454"	8.2"

P qvg'<hcu<sup>2</sup> tkus wg", 'kpf ks wg'wp'dctci g'gp'eqput wvkp'qw'cw'ucf g'f g'rc'eqpegr vkp' r rcp'hkcvkq0

"  
"

! wf g'Rt<sup>2</sup> rct cwt g'r qwt 'ig'Rt qlgvf g'I gukqp'kp<sup>2</sup> i t<sup>2</sup> g'gvf g'Nwwg'e qpt g'ngu'kqpf c vkpu'f cpu'g'Dcu'p'f g'  
 nqwgf 'O glgtf c' <F<sup>2</sup> xgnrr go gpvf gu'O gwt gu'Rt<sup>2</sup> xgpv'xgu'e qpt g'ngu'kqpf c vkpu'  
 [ cej k'q'Gpi kpggt kpi 'Eq0'Nf 0'

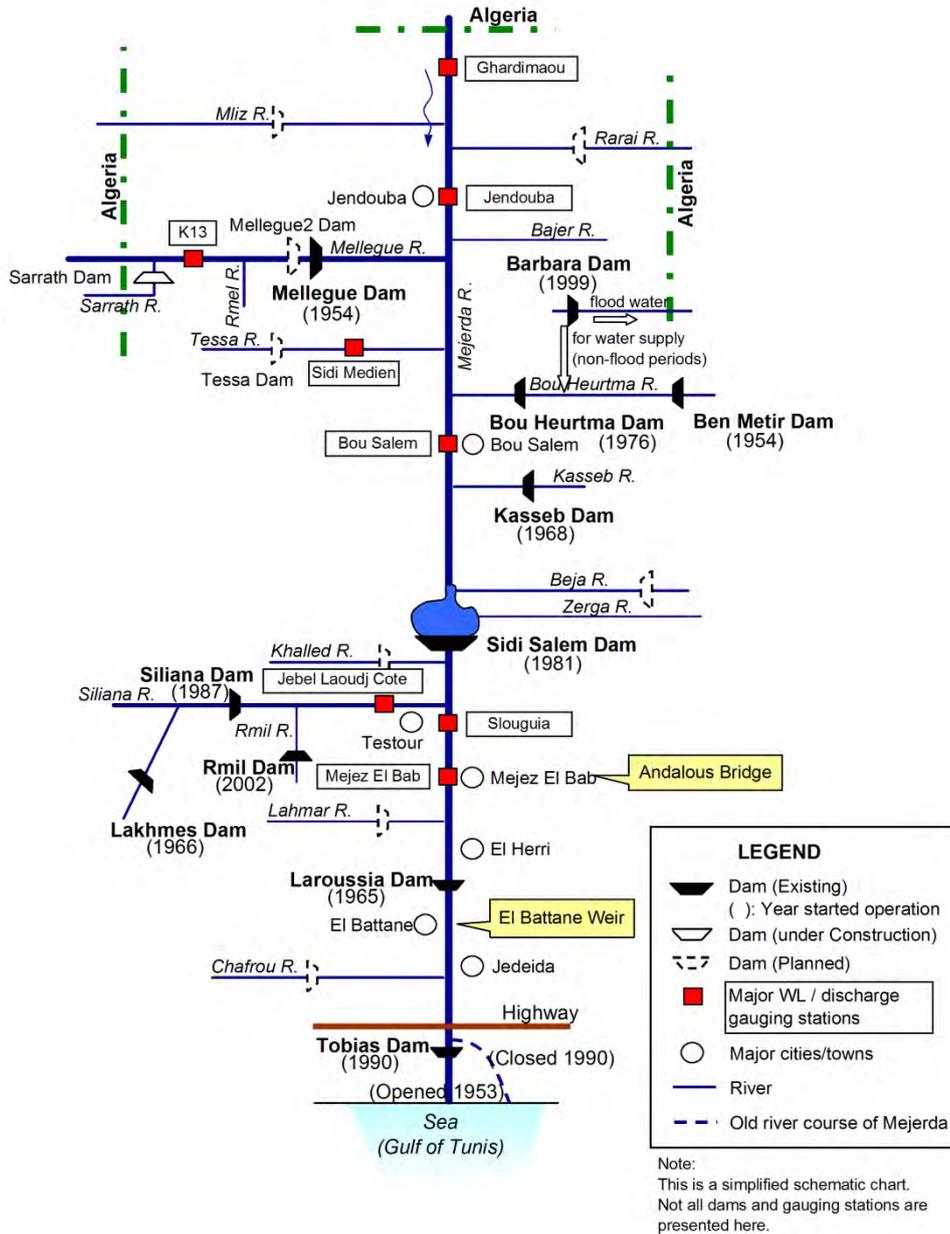


Hh wt g'4/9'Ect w'f'go r nœgo gpvf gu'dct ci guf cpu'g'dcu'p'f g'hqwgf 'O glgtf c'gp'Vv'p'k'g'

"  
 "  
 "

i wf g'Rt<sup>2</sup> rct cwt g'r qwt 'ig'Rt qlgvf g'I gukqp'Kp<sup>2</sup> i t<sup>2</sup> g'gvf g'Nwwg'eqvt g'ngu'Kqpf c vkpu'f cpu'g'Dcu'k'f g'  
 nqwgf 'O glgtf c' <F<sup>2</sup> xgrqr go gpvf gu'O gwt gu'Rt<sup>2</sup> xgpvkgu'eqvt g'ngu'Kqpf c vkpu'  
 [ cej k'q'Gpi kpggt kpi 'Eq0'Nf 0'

Nc"ectv"ekf guuqwu"kp'f ks wg"ngo r rægo gp'v'f gu'dcttci gu."f gu'dcttci gu'f g'r tkug" f gcw."f gu'chhwgpw."f gu'  
 r t'pkr cngu'ucv'kpu'f g'lcwi gci g'gvf gu'xkngu'0



Hli wt g'4/: 'Ect v'g'f) go r rægo gp'v'f gu't'pkr cngu'ucv'kpu'f g'lcwi gci g.'f gu'chhwgpw.'f gu'dctt ci gu'gv'  
 f gu'xkngu'

**4006 Uqek/2 eqqo lg''**

**\*3+ Rqr wæ vkqp'gv'f gpuls' f g't qr wæ vkqp''**

Ng" tgegpugo gp'v' f g' 4226" c" hqwpk" ngu" kphqto c'vkpu" uwkxcp'v'gu" uw" r" r qr wæ vkqp" gv' r" f gpuk<sup>2</sup>"  
 f<sup>2</sup> o qi ter j ks wg"gp"Vwpkug'gv'f cpu'g'dcu'k'f g'nqwgf 'O glgtf c'0Ngu'5 l6" f g'rc'r qr wæ vkqp'v'crg'j cdksgp'v'f cpu'  
 ngu't<sup>2</sup> i kpu'f w'P qtf. 's wkt'gr t<sup>2</sup> ugp'v'v'52' "f w'vgt'kqkt g'pc'vkp'cr'0f'f cpu'g'dcu'k'f g'nqwgf 'O glgtf c.'35.6' "  
 f g'ngpugo drg'f g'rc'r qr wæ vkqp't<sup>2</sup> uk'f g'f cpu'; .: ' "f w'vgt'kqkt g'pc'vkp'cr'0f' "h'ej gng'pc'vkp'crg.'wpg'v'gp'f cpeg'<<"

"  
 re'eqpegpvcvkp'f g'rc'r qr wcvkqp'ng'ngpi 'f w'eqwtu'r tkekr crif g'nqwgf "guv'xkukng0F cpu'ng'dcuukp'f g'ngqwgf . 'rc'  
 f gpuk<sup>2</sup>" f<sup>2</sup> o qi tcr j ks wg" guv' hqtvg" f cpu" rc" r rckpg" cmwckng" f g" ngo dqwej wtg. " r ct" gzgo r ng" f cpu" ngu'  
 i qwxgtpqtcw'f g'O cpqwdc"\*423"<"442"j cd lno<sup>4</sup>+"qwf)Ctkpc"\*383"<"3: 2"j cd lno<sup>4</sup>-0Egu'i qwxgtpqtcw'uqpv'  
 vqwu'f gwz 'ukw<sup>2</sup> u'f cpu'rc' | qpg'F 40'  
 "

Rqr wcvkqp'f g'rc'Vwvkug"	; ; 32": 94'r gtuppgu"*gpxkqp"; .; 3"o krikpu" f g'r gtuppgu+"
F gpuk <sup>2</sup> 'f g'r qr wcvkqp'f g'rc'Vwvkug"	83.3"j cd lno <sup>4</sup> "
Vcwz" f g" etquucpeg" f <sup>2</sup> o qi tcr j ks wg" f g" rc' Vwvkug"	3.32' "
Rct v'f g'rc'r qr wcvkqp'wtdckpg'gp'Vwvkug"	86.: ' "
Rqr wcvkqp'f w'dcuukp'f g'ngqwgf "O glgtf c"	Gpxkqp'3.55"o krikp'f g'r gtuppgu"*35.6' " f g'ngpugo drg'f g'rc'r qr wcvkqp+"
F gpuk <sup>2</sup> "f g'r qr wcvkqp'f w'dcuukp'f g'ngqwgf " O glgtf c"	: 6.2"j cd lno <sup>4</sup> "

Uqwtg"<tgegpugo gpv'f g"4226"

**\*4+ | eqppo lg"**

**3+ Ugevgwt'ci tleqng"**

Nc'r ctv'f w'RID'qeew<sup>2</sup> g'r ct'ng'ugevgwt'ci tleqng'c'f<sup>2</sup> etw'f g'36.4' "<"33.5' 'r gpf cpv'rc'f<sup>2</sup> egppkg"3; ; 9/42280  
 Ng'cwz" f g'etquucpeg"cppwgn'f g'eg'ugevgwt'r gpf cpv'rc' o 'o g'r<sup>2</sup> tkf g"<sup>2</sup> vck'f g'4.4' . "uqk'wpg'f ko kpwkqp"  
 uwr r r'f o gpvck'g'r ct'tcr r qt v'cwz"5.3' 'f g'rc'r<sup>2</sup> tkf g'3; ; 2/3; ; 90'Vqlvqtu'f )r t<sup>3</sup> u'ng'tgegpugo gpv'f g'4226."ng"  
 ugevgwt'ci tleqng'p'ogo r mlg's wg'38.4' 'f g'ngpugo drg'f gu'tcxckngwtu'eqpv'g'6. : ; ' 'r qwt'ngu'ugt'xlegu."3; .6' "  
 r qwt'ng'ugevgwt"o cpw'cewt'kgt'gv'36.7' 'r qwt'ng'ugevgwt"ppp/o cpw'cewt'kgt'0Egr gpf cpv'ng'dcuukp'f g'ngqwgf "  
 O glgtf c'qeew g'wp't/ig'guugp'vgn'f cpu'rc'r t'qf wcvkqp'ci tleqng'pcvkpcng."gv'ng'ugevgwt'f g'rc'ci tlekwnt'g'guv'wp"  
 pq{ cw'f g'h' eqppo kg't<sup>2</sup> i kqpcrg'0Ngu'i t'cpf gu'rk' pgu'f w'ugevgwt'uqpv'kpf ks w' gu'ek'f guuqwu'  
 "

Uwr gthlek'f w'dcuukp'f g'ngqwgf "O glgtf c"	37": 52"no <sup>4</sup> *; .: ' 'f g'rc'uwr gthlek'f w'vgt'kqkt'g'pcvkpcng"
Uwr gthlek' f gu' ej co r u' f cpu' ng' dcuukp" *pp'k'k'ki w' u' "	32'5; 4"no <sup>4</sup> *87.8' 'f g'rc'uwr gthlek'f w'dcuukp+"
Uwr gthlek'ci tleqng'k'k'ki w' g'f w'dcuukp"	3'6; ; "no <sup>4</sup> *; .6' 'f g'rc'uwr gthlek'f w'dcuukp+"
Ewnt'gu'gv <sup>2</sup> ng'xi g'f cpu'ng'dcuukp" Rtqf wcvkqp'f g'd'f "	" 3'849"222'v*73' 'f g'rc'r t'qf wcvkqp'pcvkpcng+"
Rtqf wcvkqp'f )ti g"	687"222'v*56' 'f g'rc'r t'qf wcvkqp'pcvkpcng+"
Rtqf wcvkqp'f g'xkcpf g'f g'do wh'	67.6' 'f g'rc'r t'qf wcvkqp'pcvkpcng"
Rtqf wcvkqp'f g'xkcpf g'f g'ej <sup>3</sup> xt g"	67.4' 'f g'rc'r t'qf wcvkqp'pcvkpcng"
Rtqf wcvkqp'f g'xkcpf g'f g'xqckng"	73.; ' 'f g'rc'r t'qf wcvkqp'pcvkpcng"
Rtqf wcvkqp'f g'rk <sup>2</sup> i g"	97.9' 'f g'rc'r t'qf wcvkqp'pcvkpcng"

Uqwtg"<k'puksw'P c'kqpcr'f g'rc'Ucvkns wg"\*R U' "

**4+ Ugevgwt'o cpw'cewt'kgt'gv'ugevgwt'f gu'ugt'xlegu'**

Eqo o g'kpf ks w' r nnu'j cw'ng'tgegpugo gpv'f g'4226'r rc'ck'6: .; ' 'f w'vqcn'f gu'tcxckngwtu'f cpu'ng'ugevgwt"  
 f gu' ugt'xlegu' gv' 3; .6' " f cpu" ng" ugevgwt" o cpw'cewt'kgt'0 Rgpf cpv' rc" f<sup>2</sup> egppkg" 4222/422; . " ng" ugevgwt"  
 o cpw'cewt'kgt'c"etw'gp"o q { gppg'f g'5.: ' " r ct"cp."qeew cpv'4; ' "f w'RID'0'Rgpf cpv'rc' o 'o g'r<sup>2</sup> tkf g."ng"  
 ugevgwt'f gu'ugt'xlegu'etquuck'cw'hqt'v'cwz"cppwgn'o q { gp'f g'7.: ' . "qeew cpv'83.6' 'f w'RID'gp'42280'  
 "

Ng'cdrcw'ekf guuqwu'lpf ks wg're'ukwcvkqp'cewng'f gu'gpvt gr tkugu'o cpwcewtk<sup>2</sup> tgu'gvf gu'gpvt gr tkugu'ik<sup>2</sup> gu'  
 cwz'ugt xlegu'f cpu'ngu'i qwxgtpqtcw'f g'O cpqwdc'gvf) Ctkpc0F cpu'egu'f gwz' i qwxgtpqtcw'f g're'dcprkewg'f g'  
 Vwpku.'ecr kcrng'f qv<sup>2</sup> g'f w'r tgo kgt'r qt v'f w'r c {u.'ngu'gpvt gr tkugu'vqwt<sup>2</sup> gu'xgtu'ngzr qt v'eqo r vgpv'r qwt'gpxkqp'  
 re'o qkk<sup>2</sup> 'f g'vqwr0Rtq<sup>2</sup> i gt'egnug'ekf gu'f<sup>2</sup> i -w'f gu'kqpf c vkpu'ug'eqv±qk'f qpe'eqo o g'wpg'eqvtdkdwkqp'<<  
 n<sup>2</sup> eqpgo kg'pcvkpcrg0

"	I qwxgtpqtcv'f g'O cpqwdc"	I qwxgtpqtcv'f) Ctkpc"
P qo dtg'vqcn' f) gpvt gr tkugu"	3: 8"	462"
P qo dtg'f) gpvt gr tkugu" vqwt <sup>2</sup> gu'xgtu" ngzr qt cvkqp"	; 4"	333"
F <sup>2</sup> vckif gu'gpvt gr tkugu"	Vgz vkg.'j cdkngo gpv'r tqf vku'gp'ewk." r tqf vku'crko gpvck gu'tcpuhqto <sup>2</sup> u" *r tqf vku'rckkgtu.'r qo o gu.'r qk gu+." lpf wut kg' <sup>2</sup> rgevt qo <sup>2</sup> ecpls wg'cz <sup>2</sup> g'wut 'ngu' r k <sup>2</sup> egu'cwqo qdkgu"	Vgz vkg.'j cdkngo gpv'r tqf vku'gp'ewk." r tqf vku'ci tleqru'vcpuhqto <sup>2</sup> u." <sup>2</sup> rgevt lek <sup>2</sup> .'r tqf vku'r j cto cegwks wgu "" lpf wut kg'f gu'vej pqm i lgu'f g" nkphqto cvkqp'gv'f g're'eqo o wplecvkqp"

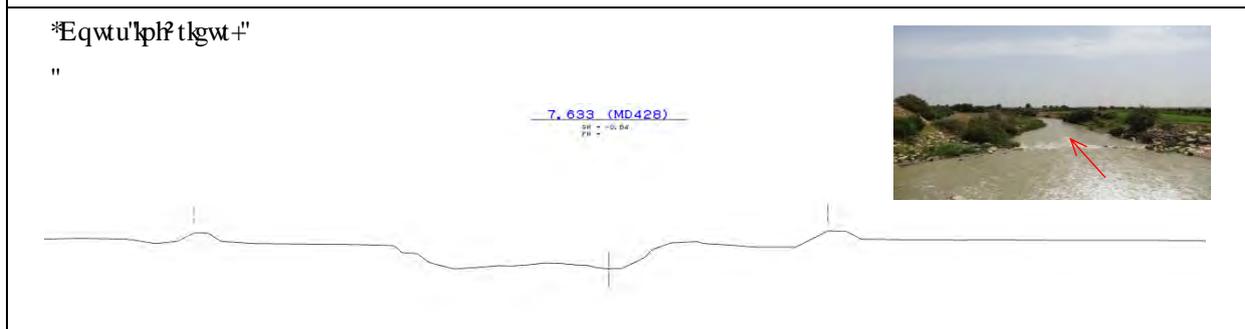
Uqwtg'<Ci gpeg'f g'Rtqo qvqpf g'ng'kpxgukugo gpv'Gz<sup>2</sup> tlgwt "

**404 Cr gt ±wf g'ic' | qpg'F 4"**

**404B Ej gpcn'**

\ qpg're'r nuu'gp'cxcn'f w'dcuukp'f g'nqwgf "O glgtf c.'re' | qpg'F 4" guv'wp'ugevwt'f g'87"no "gpvt g'ng'dcttci g'  
 Nctqwuuk'gv'ngo dqwej wtg'f g'nqwgf 0F cpu're'r ct vkg'co qpv.'gpvt g'ng'dcttci g'Nctqwuuk'gv'Lgf gkf c.'nqwgf "  
 u<sup>2</sup> eqwng'f cpu'wp'ej gpcn'pcwt gn'ucpu'f ki wgu."<" vcxgtu'wpg' | qpg'f g'eqnkpgu'f qwe gu'0Nc'r tqhqp'f gw'f g'eg"  
 ej gpcn'pcwt gn'f<sup>2</sup> r cuug'ngu'32"o "gp'cxcn'f w'dcttci g'Nctqwuuk.'gv'ug't<sup>2</sup> f vkr' tqi tguuk go gpv'gp'f kt gevqpf'f g"  
 Lgf gkf c0F cpu're'r ct vkg'kpvto<sup>2</sup> f kkt g.'gpvt g'Lgf gkf c'gv'Vqdku.'nqwgf "u<sup>2</sup> eqwng'f cpu're'r rckpg'cmwckrg.'qA'  
 nqwgf "Ej cht qw'xkpv'ng't glqkpf tg'f gr vku're'tkx'f tqksg0O 'o g'uk'<" nj gwt g'cewng'f gu'f ki wgu'f gpxkqp'4"o "  
 qp v<sup>2</sup> v<sup>2</sup> "eqpwt wkgu'f cpu'egt cvkpu'ugevwtu."ki'uci k'gp'r tlpek g'f) wp'ej gpcn'pcwt gn'ucpu'f ki wgu."<" ugevqpf'  
 eqo r ngz g.'eqo r qu<sup>2</sup> 'f) wp'ikv'o kpgw' "xqkg'f) gcw'gv'f) wp'ikv'o clgwt0'





**Hk wt g'4/; 'Ugevkpu'ectce<sup>2</sup> tkms wgu'f w'ej gpcn'**

F gu'ctdtgu'vwhwu" \*co ct kz + "uqpv'xkuldngu'f cpu'ng'ej gpcn'f g'nqwgf 0'Gp"cxn'f w'dcttci g"Vqdku."ng'ej gpcn'  
 etgw<sup>2</sup> "gp" rki pg" f tqkg" f cpu" wpg" vqr qi tcr j kg" r rcp g" ug" r tqnpi g" lws w" ngo dqwej wt g'0'F gu' f ki wgu" uqpv'  
 eqpvwkgu'uw'ngu'f gwz' tkxu. 'rc' tkxg' f tqkg' eqo r qt vpv'f gu'f qwdngu'f ki wgu'OC wewpg' qdwt wevkp' f g'nguwck g'  
 p'guv' eqpvw<sup>2</sup> g'0'F gu' eqw gu' ectce<sup>2</sup> tkms wgu' f g'rc" | qpg" F 4" Hk wt gpv' ek'f guuw'0' F gu' r j qqu" f<sup>2</sup> vkn<sup>2</sup> gu'  
 o qpv'cp'v' w'f w'ej gpcn' Hk wt gpv' < "h'ncp<sup>2</sup> c" 40' f g'rc' F qewo gpv'vkp'0'

**4040 Kpuv'nc vkpu'f w'ej gpcn'f g'hqwgf "**

**\*3+ Dcttci gu'**

Ng'u'ectce<sup>2</sup> tkms wgu'f gu'dcttci gu'Vqdku'gv'Nctqwuik' uqpv't<sup>2</sup> uwo<sup>2</sup> gu'ek'f guuquw'0'

**3+ Dcttci g'Nctqwuik'**

Ng'dcttci g'Nctqwuik' gu'ukw<sup>2</sup> " < " gpxkqp'87" mo " f g'ngo dqwej wt g'f g'ngwgf "O glgtf c 0'ki' guv'eqv±w'cxge" wpg'  
 ecr cek<sup>2</sup> " f g' uqenci g' f g'4" o k'kpu' f g' o<sup>5</sup>. " gv'f kur qug" f ) w'p" qwxctci g' f g' r tkug' f ) gcw' gv'f ) wpg" kpuv'nc vkp'  
 j { f tq<sup>2</sup> rge v'ks w'0' Ugu'r tkpkr crgu' h'qpe vkpu' uqpv'ngu' u'w'kxcpv'gu' <

- 3+ Wpg' ucv'vkp' f g' r qo r ci g' guv'kpuv'cn<sup>2</sup> gu'uw'rc' tkxg' i cwej g. 'lo o<sup>2</sup> f kvgo gpv'gp" co qpv'f w'dcttci g."  
 r qwt' cr r tqxkukppgt' gp' gcw'ig' r<sup>2</sup> tko<sup>3</sup> vtg' ktki w<sup>2</sup> f g' Ej qvki w'0'
- 4+ Wpg' r qtvg' f gukp<sup>2</sup> g' < "rc' r tqf wevkp' j' { f tq<sup>2</sup> rge v'ks w'g<sup>2</sup> s wkr g'rc' tkxg' i cwej g' f w'dcttci g. "cxge" wpg'  
 ecr cek<sup>2</sup> f g'6' O y lj 0'
- 5+ Vtqku' xcpv'gu' < " i rkuik<sup>2</sup> t g' uqpv'kpuv'cn<sup>2</sup> gu'uw'rc' tkxg' f tqkg' f w'dcttci g' r qwt' ngu' f<sup>2</sup> xgtugo gpv'gp' ecu'  
 f g' etwg'0'
- 6+ Wp' qwxctci g' f g' r tkug' f ) gcw'ug' vtqwxg' uw'rc' tkxg' f tqkg' f k' g' ewo gpv'gp" co qpv'f w'dcttci g. "cxge" wpg'  
 ecr cek<sup>2</sup> f ) co gp<sup>2</sup> g' f ) gcw' o czko crg' f g'35' o<sup>5</sup> lu' xgtu'rc' dcuug' xcn<sup>2</sup> g' f g'rc' "O glgtf c" gv'f g'38' o<sup>5</sup> lu'  
 xgtu'ig' epcn' O glgtf c/ ecr "Dqp'0'

F gu' r j qqu' f<sup>2</sup> vkn<sup>2</sup> gu' Hk wt gpv' < " h'ncp<sup>2</sup> c" 40' f g'rc' F qewo gpv'vkp'0'

"



"

**Hki wt g'4/32''i 'l cwej g.'xwg'f'gpugo dng'f w'dcttci g'Nctqwu'k'f'i 'f tqk'g.'xwg'f'gpugo dng'f w'e<sup>1/2</sup>' 'bcxci'**  
 "

**7+ Dcttci g'Vqdku'**

Ng" dcttci g" Vqdku' guv' eqputwk' <"33" no "f g" ngo dqwej wt g' f g" nqwgf "O glgtf c" r qwt "rc" r tkug' f' g' nqgw' f dttki cvkq0' Ng" e<sup>1/2</sup> "tkxg" i cwej g' eqo r qtvg" 4" xcpgu' dcuewrcpvgu' \*rti g' <37.2" o . "j cw" <4.2" o + "s wk' uqp' tgrx<sup>2</sup> gu' mtus wg' ng' plxgcw' f' gu' gcw' "guv' p'qto cn" o clp' gpcp' v' clpuk' ng' plxgcw' p<sup>2</sup> eguuct g' <"rc" r tkug' f' gcvw' Wp" dcttci g' Hzg' \*rti gw" <57.2" o + "guv' kpu'cnf' f' w'e<sup>1/2</sup> "tkxg" f' tqkg' Uwt "rc" tkxg" i cwej g. "wpg' ucvkq' f' g' r qo r ci g" guv' kpu'cnf' g' f' k' ge'vo gpv' gp' co qpv' f' w' dcttci g' gp' v' cpv' s' w' kpu'cnv' kq' j' f' g' r tkug' f' gcvw' Ngu' r' j' qv' qu' f' <sup>2</sup> v' k'nf' gu' g' v' r' r' pu' ut' w' w' t' gn' i' <sup>2</sup> p<sup>2</sup> t' cw' 'hki wt gpv' <"rc" k' p<sup>2</sup> c" 40" f' g' rc' F' qewo gpv' cvkq0'

"



"  
"  
"  
"  
"  
"

**Hki wt g'4/33'i 'l cwej g.'ngu'4'xcppgu' dcuewrcpvgu' \*cw' r' tgo lgt' r' r' p' + gv' ig' dcttci g' Hzg' f'i 'f tqk'g.'rc' ucvkq' f' g' r qo r ci g' f' g' h' qwxtci g' f' g' r tkug' f' gcvw' lwt' rc' tkxg' i cwej g. 'ko o<sup>2</sup> f' k' vgo gpv' gp' co qpv' f' w' dcttci g'**

**\*4+ Rqpva'**

i "nj gwt g' cewng. "rc" qpg' F4' eqo r qtvg' f' gu' r' qpva' gv' f' gu' qwxtci gu' f' g' h' t' cpej kugo gpv' gp' 4; "gp' f' tqku. "vnu" s' w' k' p' f' k' s' w' u' f' cpu' g' "v' d' r' g' w' e' k' f' guu' qu' w' O' Ngu' r' j' qv' i' t' cr' j' k' gu' g' v' ur<sup>2</sup> e' k' h' e' c' v' k' pu' f' gu' qwxtci gu' ectce<sup>v</sup> tkuk' s' w' gu. " eqp' h' to<sup>2</sup> gu' h' tu' f' g' h' w' f' g' u' w' t' g' v' t' t' c' l' p. "hki wt gpv' <"rc" k' p<sup>2</sup> c" 40" f' g' rc' F' qewo gpv' cvkq0'

"

"

**Vcdrgcw/4/5'Rqpw'gv'hwxt ci gu'f g'ht cpej kugo gpv'gz kucpwi'**

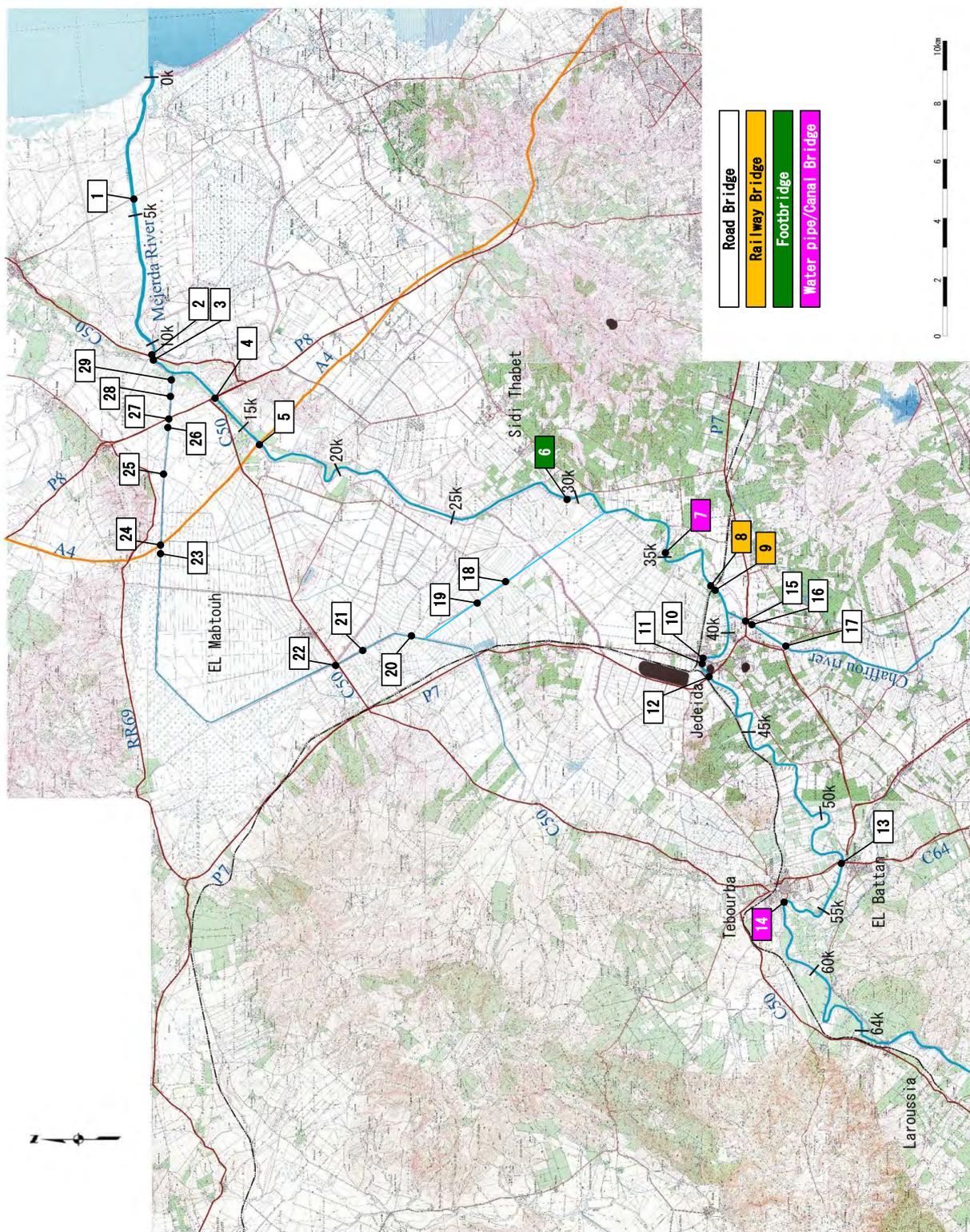
P q0'	P qo "	Ej gpcn'		Tqwg"	Tgo cts wgu'
		P qo "	F kucpeg"		
3"	RQP V'M'NCP F CNQUW"	O glgtf c"	6.886"	Twg'Ucf qm'Dgrj cf k'	"
4"	RQP V'VQDKU"	O glgtf c"	32.: 4: "	O E72"	"
5"	CPEIGP 'RQP V'VQDKU"	O glgtf c"	32.: 58"	O E72"	Ng'pqwxcw'r qpv'gv'ngo r ncego gpv' f gu'r kgu'pg'eqttgur qpf gpvr cu0'
6"	RQP V'I R: 'UWT'N'QWGF 'O GLGTFC"	O glgtf c"	35.94: "	I R: "	"
7"	RQP V'CWQTQWVG'6"	O glgtf c"	38.239"	CWQTQWVG'6"	"
8"	RCUUGTGNGG"	O glgtf c"	"	Vtqwk"	Rcuugtmg'uwur gpf wg'gp'dqku"
9"	RQP V'RQWT'EQPF W'G'F'GCW"	O glgtf c"	56.662"	Cr r t q x k u k p p p g o g p v' g p' g w'	"
: "	CPEIGP 'RQP V'HGTTQXICK'G'F'G' LGF G'F' C"	O glgtf c"	59.: 6: "	XQKG'HGTT' G"	Ng'pqwxcw'r qpv'gv'ngo r ncego gpv' f gu'r kgu'pg'eqttgur qpf gpvr cu0'
; "	RQP V'HGTTQXICK'G'F'G' LGF G'F' C"	O glgtf c"	59.: 56"	XQKG'HGTT' G"	Ngu'r qwt gu'r t <sup>2</sup> ugp'gpv'f gu'tcegu' f gu'tgo qwu'f g'zj cwuugo gpv'cr r ctwu' rqtu'f gu'etwgu0'
32"	RQP V'F'G' LGF G'F' C"	O glgtf c"	63.293"	TXG729"	"
33"	CPEIGP 'RQP V'F'G' LGF G'F' C"	O glgtf c"	63.2; 3"	TXG729"	Rqpv'j kntkls wg.'t <sup>2</sup> v <sup>2</sup> ekuugo gpv'f w' ej gpcn'
34"	RQP V' LGF G'F' C'UWT'I R9"	O glgtf c"	63.; 48"	I R9"	"
35"	RQP V'GN'DCVCP "	O glgtf c"	75.333"	"	Rqpv'j kntkls wg'
36"	RQP V'F'GU'ECPCWZ'F'K'T'K'CVIQP' F'G'VGDQW'DC"	O glgtf c"	78.: ; ; "	ECP CWZ' F'K'T'K'CVIQP'	"
37"	RQP V'I R9'UWT'EJ CHIQW"	Ej chtqw'	"	"	Ngu'ewf' gu'upv'ukw <sup>2</sup> gu'um'ng'iks' o clgw0'
38"	CPEIGP 'RQP V'I R9'UWT'EJ CHIQW"	Ej chtqw'	"	I R9"	Ng'pqwxcw'r qpv'gv'ngo r ncego gpv' f gu'r kgu'pg'eqttgur qpf gpvr cu0'
39"	RQP V'GN'J'JDIDK"	Ej chtqw'	"	Tqwg'iqecrg"	"
3: "	Rqpv'um'tqwg'iqecrg"	Co gp <sup>2</sup> g"	"	Tqwg'iqecrg"	"
3; "	RQP V'CI T'HEQNG'UWT'ECPCN' f'xo gp <sup>2</sup> g"	Co gp <sup>2</sup> g"	"	Tqwg'ci tleqrg"	Rqpv'ci tleqrg'f g'r gvks <sup>2</sup> ej gmg"
42"	RQP V'CI T'HEQNG'UWT'ECPCN' f'xo gp <sup>2</sup> g"	Co gp <sup>2</sup> g"	"	Tqwg'ci tleqrg"	Rqpv'ci tleqrg'f g'r gvks <sup>2</sup> ej gmg"
43"	RQP V'CI T'HEQNG'	Co gp <sup>2</sup> g"	"	Tqwg'ci tleqrg"	Rqpv'ci tleqrg'f g'r gvks <sup>2</sup> ej gmg"
44"	RQP V'GN'O CDVQWJ 'O E72"	Co gp <sup>2</sup> g"	"	O E72"	"
45"	RQP V'CI T'HEQNG'UWT'qwg'f' O cdvqwj "	O cdvqwj "	"	Tqwg'ci tleqrg"	Rqpv'ci tleqrg'f g'r gvks <sup>2</sup> ej gmg"
46"	RQP V'6'UWT' O cdvqwj "	O cdvqwj "	"	CWQTQWVG'6"	"
47"	RQP V'CI T'HEQNG'UWT'qwg'f' O cdvqwj "	O cdvqwj "	"	Tqwg'ci tleqrg"	Rqpv'ci tleqrg'f g'r gvks <sup>2</sup> ej gmg"
48"	RQP V'CI T'HEQNG'UWT'qwg'f' O cdvqwj "	O cdvqwj "	"	Tqwg'ci tleqrg"	Rqpv'ci tleqrg'f g'r gvks <sup>2</sup> ej gmg"
49"	RQP V'TQWVG'I R: 'UWT'qwg'f' O cdvqwj "	O cdvqwj "	"	"	"
4: "	RQP V'CI T'HEQNG'UWT'qwg'f' O cdvqwj "	O cdvqwj "	"	Tqwg'ci tleqrg"	Rqpv'ci tleqrg'f g'r gvks <sup>2</sup> ej gmg"
4; "	RQP V'CI T'HEQNG'UWT'qwg'f' O cdvqwj "	O cdvqwj "	"	Tqwg'ci tleqrg"	Rqpv'ci tleqrg'f g'r gvks <sup>2</sup> ej gmg"

"

"

"

"



Hli wt g'4/34'Ect w'f )go r r'ego gpv'f gu'f qp'w'gv'q'wxt ci gu'f g'lt cpej kugo gpv'bewgn'

''

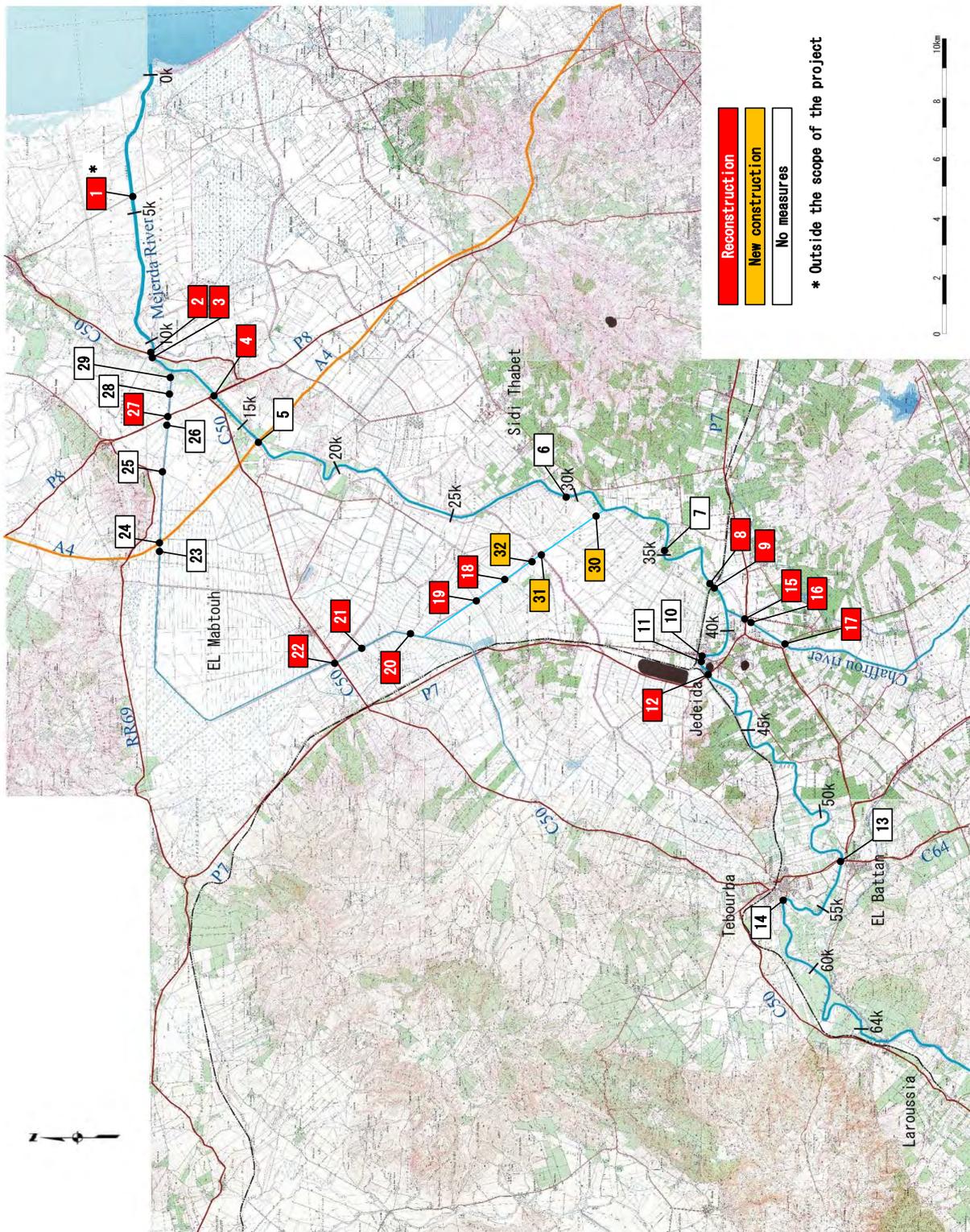
Nco<sup>2</sup> rktcwk'f g'ngwgf "gpxluci<sup>2</sup> g'eqo rqtvg"wp<sup>2</sup> nti kuogo gpv'f w'ej gpcn'Uwt "ng"vgttckp."ngu'r qpwu'gp" ugtxleg" f gxtqp' f qpe" hctg" nqdlgv' f g' txcxwz." pqvco o gpv' f g' tgo r ncego gpv." f g' tgj cwuugo gpv' qw' f g' r tqmpo go gpv.'chp's wg'ngwu'kqpevkpu'buqkpv'o clpvpgwu0

Nc'kng'ek'f guuqu'r t<sup>2</sup> ugpvg'ngu'r qpwu'r qwt'ngus wgn'f gu'txcxwz' uqpv'r t<sup>2</sup> xwu'gp'tckuq'f g'hco<sup>2</sup> rktcwk'f g'ngwgf 0Rcto k'ngu'4; 'r qpwu'gv'qwxci gu'f g'htcpej kuogo gpv'gzkucpvu."37'f go cpf gpv'wpg'tgeqput wekqp'gv'5'ic" eqput wekqp'f )p'pqwgcw'r qp'0Nco<sup>2</sup> rktcwk'f w'ej gpcn't gpf tc'p<sup>2</sup> eguuck g'f g'tgeqput wkt g'ng'r qp'v'Mnrcv' Ncpf enqwu."ukw<sup>2</sup> f cpu'ic" | qp'g'ic'r nnu"gp'cxci'0Egw'g'tgeqput wekqp'ugt'c"qwwghku'gzemw'f w'r t<sup>2</sup> ugpv'r tqlgv." ect'wp'r tqlgv'tqwkgt'f gxtck'r qwxqk'ic'r' r tgp'f g'gp'ej cti g0

**Vcdngw'4/6'Nkng'f gu'r qpwu'gv'qwxci gu'f g'htcpej kuogo gpv'f qp'ic'tgeqput wekqp'q'w'ic'p'qwxng'g'  
 eqput wekqp'gu'gpxluci<sup>2</sup> g'gp'tckuq'f g'hco<sup>2</sup> rktcwk'f g'ngwgf "**

P q0'	P qo "	Ej gpcn'		Tqwg"	Tgeqput wekqp"	Eqput wekqp"
		P qo "	Fkucpeg"			
3"	RQP V'M'NCP F C NQWU"	O glgtf c"	6.886"	Twg'Ucf qm'Dgrj cf k'	,	"
4"	RQP V'VQDKU"	O glgtf c"	32.: 4: "	O E72"	"	"
5"	CPEIGP 'RQP V'VQDKU"	O glgtf c"	32.: 58"	O E72"	"	"
6"	RQP V'I R: 'UWT'NQWGF 'O GLGTFC"	O glgtf c"	35.94: "	I R: "	"	"
7"	RQP V'CWQTTQWGC6"	O glgtf c"	38.239"	CWWQTTQWGC6"	"	"
8"	RCUUGTGNG"	O glgtf c"	"	Vtqwk"	"	"
9"	RQP V'RQWT'EQPF W'G'F'GCW"	O glgtf c"	56.662"	Crr tqxkukppgo gpv'gp' gcv"	"	"
:	CPEIGP 'RQP V'HGTTQXICK'G'F'GLGF G'F C"	O glgtf c"	59.: 6: "	XQIG'HGTT' G"	"	"
:	RQP V'HGTTQXICK'G'F'GLGF G'F C"	O glgtf c"	59.: 56"	XQIG'HGTT' G"	"	"
32"	RQP V'F'GLGF G'F C"	O glgtf c"	63.293"	TXG729"	"	"
33"	CPEIGP 'RQP V'F'GLGF G'F C"	O glgtf c"	63.2; 3"	TXG729"	"	"
34"	RQP V'LG'F'G'F C'UWT'I R9"	O glgtf c"	63.; 48"	I R9"	"	"
35"	RQP V'GN'DCVVCP "	O glgtf c"	75.333"	O E86"	"	"
36"	RQP V'F'GUECP CWZ 'F'K'TH CVIQP 'F'G' VGDQWTD"	O glgtf c"	78.: ; ; "	ECP CWZ " F'K'TH CVIQP "	"	"
37"	RQP V'I R9'UWT' EJ CHIQW"	Ej chtqw'	"	I R9"	"	"
38"	CPEIGP 'RQP V'I R9'UWT' EJ CHIQW"	Ej chtqw'	"	I R9"	"	"
39"	RQP V'GN'J 'DIDIC"	Ej chtqw'	"	Tqwg'iqecng"	"	"
3:	Rqp'v'wt'iqwg'iqecng"	Co gp <sup>2</sup> g"	"	Tqwg'iqecng"	"	"
3;	RQP V'CI T'HEQNG'UWT' ECP CN'f xco gp <sup>2</sup> g"	Co gp <sup>2</sup> g"	"	Tqwg'ci tleqng"	"	"
42"	RQP V'CI T'HEQNG'UWT' ECP CN'f xco gp <sup>2</sup> g"	Co gp <sup>2</sup> g"	"	Tqwg'ci tleqng"	"	"
43"	RQP V'CI T'HEQNG'	Co gp <sup>2</sup> g"	"	Tqwg'ci tleqng"	"	"
44"	RQP V'GN'O CDVQWJ 'O E72"	Co gp <sup>2</sup> g"	"	O E72"	"	"
45"	RQP V'CI T'HEQNG'UWT' 'qwg'f 'O cdvqwj "	O cdvqwj "	"	Tqwg'ci tleqng"	"	"
46"	RQP V'C6'UWT' 'O cdvqwj "	O cdvqwj "	"	CWWQTTQWGC6"	"	"
47"	RQP V'CI T'HEQNG'UWT' 'qwg'f 'O cdvqwj "	O cdvqwj "	"	Tqwg'ci tleqng"	"	"
48"	RQP V'CI T'HEQNG'UWT' 'qwg'f 'O cdvqwj "	O cdvqwj "	"	Tqwg'ci tleqng"	"	"
49"	RQP V'TQWGT I R: 'UWT' 'qwg'f 'O cdvqwj "	O cdvqwj "	"	I R: "	"	"
4:	RQP V'CI T'HEQNG'UWT' 'qwg'f 'O cdvqwj "	O cdvqwj "	"	Tqwg'ci tleqng"	"	"
4;	RQP V'CI T'HEQNG'UWT' 'qwg'f 'O cdvqwj "	O cdvqwj "	"	Tqwg'ci tleqng"	"	"
52"	RQP V'CI T'HEQNG'*P QWXGCW#"	Co gp <sup>2</sup> g"	"	Tqwg'ci tleqng"	"	"
53"	RQP V'CI T'HEQNG'*P QWXGCW#"	Co gp <sup>2</sup> g"	"	Tqwg'ci tleqng"	"	"
54"	RQP V'CI T'HEQNG'*P QWXGCW#"	Co gp <sup>2</sup> g"	"	Tqwg'ci tleqng"	"	"

, Gzenw'f w'ej co r 'f w'r tqlgw0



**\*5+ Eqp'f wkgu'f g'cw'f g'xkf cpi g'kzkc'p'v'g'u't'w' 'ig'eqw'u'r t'k'p'c'ri'**

Wp'g'<sup>2</sup> wf g'f gu'eqp'f wkgu'f g'cw'f g'xkf cpi g'kzkc'p'v'g'u't'w' 'ig'eqw'u'r t'k'p'c'ri'c'<sup>2</sup> v' "gh'g'ew'z' g'uw' "ig'v'gtt'clp'." f'æ'r t<sup>3</sup> u' w'p'g' r'k'ug' f' gu' eqp'f wkgu' f' g'cw' eqp'uk'f<sup>2</sup> t<sup>2</sup> gu' eqo o g' g'zkc'p'v'g'u' r t<sup>2</sup> ug'p'v'z' g' r ct' "ig' O k'p'ku'z' t'g' f' g' n'Ci t'le'w'w't'g'0'Ng'u't'ur<sup>2</sup> ek'h'ec'v'k'p'u'g'v'ig'w' "go r'nc'ego gpv'f'ki w't'gp'v'uw' "ig'v'cd'rg'cw'g'v'ig'r' r'cp' "u'w'k'c'p'v' " { "eqo r t'ku' r'q'w' "eg'ng'u' f'q'p'v' n'g'z'k'v'p'eg' "p'c' "r'w' 't'g' eqp'ht' o<sup>2</sup> g'uw' "r'nc'eg'0'N'co<sup>2</sup> r'k'q't'c'v'k'p' "f' g' n'q'w'g' "f<sup>2</sup> et'kg' "r' n'u' r'q'p' "gp'x'k'uci g'w'p'<sup>2</sup> n'ci k'ugo gpv'f'w'ej'g'p'cn'g'v'eqo o g'ngu' h'q'p'v'k'p'u'f' gu'eqp'f wkgu'f g'cw'c'ew'ng'o gpv'w'k'ku<sup>2</sup> gu' f'g'xt'q'p'v' 't'g' o' c'k'p'v'p'w'g'u' "ngu' eqp'f wkgu'f g'cw'g'z'k'c'p'v'g'u' u'g't'q'p'v' t'g'v'k<sup>2</sup> gu' g'v' t'go r'nc'eg' gu' r'ct' f' gu' p'q'w'g'ng'u'0' V'q'w'g'h'q'k'u' "gp'ecu'f' g'eqp'f wkgu'f g'cw'f q'p'v' n'g'z'k'v'p'eg' "p'c' "r'w' 't'g' eqp'ht' o<sup>2</sup> g'uw' "r'nc'eg' "q'w'f' q'p'v' n'g'z'k'v'p'eg' "c' " <sup>2</sup> v' "eqp'ht' o<sup>2</sup> g'uw' "r'nc'eg' o' c'ku's' w'k'u'q'p'v' k'p'w'k'ku<sup>2</sup> gu' "r'nc'eg' q'p'v' t'w'k'p' "u'g't'c' "eqp'uk'f<sup>2</sup> t<sup>2</sup> g'k'p'w'k'g'0'Ng'u' eqp'f wkgu' f' g'cw' r'q'w' "ig'u's' w'ng'u'f' gu'v'c'x'cw'z' "u'q'p'v' r' t<sup>2</sup> x'w'u' gp' "t'c'k'q'p' "f' g' n'co<sup>2</sup> r'k'q't'c'v'k'p' "f' g' n'q'w'g' "u'q'p'v' k'p'f' k'w'z' gu'f' cpu'ig' "v'cd'rg'cw'ek'f' g'u'u'q'w'0'F' c'w't'g' r'ct'v' "eq'p'eg't'p'c'p'v' "r'c'c'p'p'g'f' g' r' t'k'g'f' g'cw'f' w'd'c't't'c'i' g' "V'q'd'k'u' "u'k'w'z' "f'cpu' "r'c' "q'p'g' "r'c' " r' n'u' gp' "c'x'c'n' "ngu' k'p'uc'nc'v'k'p'u' g'z'k'c'p'v'g'u' u'g't'q'p'v' w'k'ku<sup>2</sup> gu'v'ng'u's' w'ng'u' "ect' "g'ng'u' u'q'p'v'f' z'ej' g'ng' k'o r'q't'c'p'v'0'Ng' " r' t'q'e<sup>3</sup> u'x'g't'd'c'ri'f' gu' t<sup>2</sup> u'w'nc'w'f' g' n'z' w'f' g'uw' "r'nc'eg' gu'v' l'q'k'p'v'c'w'4'0' "f' g' "r'c' "F' q'ewo' g'p'v'c'v'k'p'0'

**V'cd'rg'cw'4/7'N'k'ug'f' gu'eqp'f wkgu'f g'cw'f q'p'v'ic' t'g'eq'p'ut' w'k'p' 'q'w'ic' 'p'q'w'g'ng' 'eq'p'ut' w'k'p' 'gu'v' t<sup>2</sup> x'w'g' "gp' t'c'k'q'p'f' g' h'co<sup>2</sup> r'k'q't'c'v'k'p'f' g' h'q'w'g'f' 0'**

P q0'	P qo "	F k'nc'p'eg' "ewo w'z' g' " *no +'	Eq'p'ht'o c'v'k'p' "uw' "r'nc'eg' "	T'g'eq'p'ut' w'k'p' "q'w' "p'q'p' "	U'w' g't'h'ek'g' "f' t'clp <sup>2</sup> g' "	U'g'v'k'p' "f' g' h'k'p'uc'nc'v'k'p' "g'z'k'c'p'v'g' "l'w'k'k'v'k'p' "f' g' "r'c' "x'c'p'p'g' l'w'k'k'v'k'p' "f' g' "r'c' "v'gt'g' "
3"	R93'I cwej g"	74.4"	"	—	3.66"	"
4"	R: 6'I cwej g"	6: .: "	"	—	5:; 7"	"
5"	R332'I cwej g"	64:; "	"	"	2:; 7"	"
5/3"	R332'I cwej g/4"	I '63.9"	"	"	"	722'f' t'cl'p'ci' g'h'gt't'cl'p' 'w'd'cl'p' "
6"	R: 6'F t'q'k'g' "	F '6: .: "	"	"	5.69"	: 22"gp'x'k'q'p'g'u'k'o <sup>2</sup> u'f' t'cl'p'ci' g'h'gt't'cl'p' 'ci' t'le'q'ng' "
7"	R327'F t'q'k'g' "	"	"	"	4.7: "	/ "
8"	R332'F t'q'k'g' "	64:; "	"	—	3:; 7"	"
9"	R338'F t'q'k'g' "	F '63.9"	"	"	2.42"	: 22"gp'x'k'q'p'g'u'k'o <sup>2</sup> u'f' t'cl'p'ci' g'h'gt't'cl'p' 'ci' t'le'q'ng' "
: "	R33; 'F t'q'k'g' "	5: .8"	"	"	2.64"	"
; "	R354'F t'q'k'g' "	58.7"	"	—	48.48"	"
32"	R368'F t'q'k'g' "	F '55.9"	"	"	8.94"	4"eck'u'q'p'u/5.4o D 3.4o J "f'f' t'cl'p'ci' g'h'gt't'cl'p' "ci' t'le'q'ng' "
33"	R382'F t'q'k'g' "	F '52:; "	"	"	3: .64"	W3.26o 2:; o J "f'f' t'cl'p'ci' g'h'gt't'cl'p' 'ci' t'le'q'ng' "
33/c"	R382'F t'q'k'g' "	F '52.4"	"	"	"	W3.26o 2:; o J "f'f' t'cl'p'ci' g'w'r' r'q'u'r' h'gt't'cl'p' "ci' t'le'q'ng' "
34"	R38; 'F t'q'k'g' "	F '4: .6"	"	"	9.23"	4"eck'u'q'p'u/4.4o D 3.4o J "f'f' t'cl'p'ci' g' "
35"	RqO glEj g'F t'q'k'g' "	45.9"	"	"	3: .93"	"
36"	RC6O glco 'I cwej g"	I '38.9"	"	"	2.92"	: 22"gp'x'k'q'p'g'u'k'o <sup>2</sup> u'f' t'cl'p'ci' g'h'gt't'cl'p' 'ci' t'le'q'ng' "
37"	RC6O glco 'I cwej g"	I '37.9"	"	"	2:; 2"	"
38"	RqO glRt'q'v'F t'q'k'g' "	34:; "	"	"	9.87"	"
39"	RqO glV'q'd'k'u'F t'q'k'g' "	32.9"	"	"	2.62"	"
3: "	RV'q'd'k'u'I cwej g"	32.8"	"	"	2.85"	Go r' m'k'f' g' h'k'p'uc'nc'v'k'p' "c'ew'ng'g' "v'ng'g' "s' w'ng' "r' t'k'g' "f' g'c'w'g' h'gt't'cl'p' "ci' t'le'q'ng' "

• F'cpu'nc' "eq'p'p'g' "e' "F'k'nc'p'eg' "ewo w'z' g' "i' "ngu'ig'w't'gu' "I' "g'v'f' "k'p'f' k'w'g'p'v' t'g'ur' g'v'k'x'go' gpv'nc' "t'k'g' "i' c'w'ej' g' "g'v'nc' "t'k'g' "f' t'q'k'g'0' U'q'w't'eg' "r' q'w' "r'c' "u'w' g't'h'ek'g' "f' t'cl'p<sup>2</sup> g' "c' "s' w'k' g'f' ) w'f' g' "I'k'c' "

• F'cpu'nc' "eq'p'p'g' "e' "Eq'p'ht'o c'v'k'p' "uw' "r'nc'eg' "i' "ngu' "eg't'erg'u' " " + "k'p'f' k'w'g'p'v' "ngu' "q'w'x't'c'i' gu' "s' w'k'q'p'v' "r'w' "t'g' "eq'p'ht'o<sup>2</sup> u' "g'v' "ngu' "et'q'z' " " + "eg'w'z' "s' w'k'p'q'p'v' "r'c' "u' "w' "t'g' "eq'p'ht'o<sup>2</sup> u' "r'c' "t' "r'c' "t<sup>2</sup> "ug'p'v'z' w'f' g'0'

• F'cpu'nc' "eq'p'p'g' "e' "T'g'eq'p'ut' w'k'p' "q'w'p'q'p' "i' "w'p' "v'k'c'k' " " + "k'p'f' k'w'g'f' gu' "k'p'uc'nc'v'k'p'u' "r' q'w' "r'g'u's' w'ng'u' "r'c' "p<sup>2</sup> "eg'uk'z' "f' gu' "v'c'x'cw'z' "p'g' "r' g'w' "t'g' "f<sup>2</sup> "v'g't'o' k'p<sup>2</sup> g' "c' "n'j' g'w'g' "c'ew'ng'g' " "ect' "r'c' "eq'p'ht'o c'v'k'p' "uw' "r'nc'eg' "p'c' "r'c' "u' "t<sup>2</sup> "v' "r' "qu'ik'ng' "w'p'g' "et'q'z' " " + "k'p'f' k'w'g' "ngu' "k'p'uc'nc'v'k'p'u' "p'g' "p<sup>2</sup> "eg'uk'c'p'v' "r'c' "u' "f' g' "v'c'x'cw'z' "t'g' "t'c'k'g' "u'g'w'go' gpv'nc' "ect' "k'i'c' "t<sup>2</sup> "v' "eq'p'ht'o<sup>2</sup> u' "w' "r'nc'eg' "s' w'ng'u' "p'g' "u'q'p'v' "r'c' "w'k'ku<sup>2</sup> gu' "c'ew'ng'go' gpv' "g'v' "w'p' "eg't'erg' " " + "k'p'f' k'w'g' "ngu' "k'p'uc'nc'v'k'p'u' "s' w'k' "u'q'p'v' "w'k'ku<sup>2</sup> gu' "g'v' "s' w'k' "f' go' c'p'f' gpv' "f' gu' "v'c'x'cw'z'0'



/ wf g'Rt<sup>2</sup>rctcvtg'r'qwt'ig'Rtqlgv'f g'I gw'kqp'kpv<sup>2</sup>i t<sup>2</sup>g'f w'Dcu'k'p'g'v'f g'E'qpv<sup>2</sup>g'f'gu'k'p'q'f'c'k'q'p'u'f'g'h' q'w'g'f' "  
 O'gl'g'f'c'<F<sup>2</sup>x'g'r'r'go'gp'v'f'gu'O'g'w'g'gu'Rt<sup>2</sup>x'g'p'k'x'g'u'e'q'p'v'g'g'u'k'p'q'f'c'k'q'p'u' "  
 [ cej k'q'G'p'i k'p'g'g't'k'p'i 'E'q'0'N'f'0'

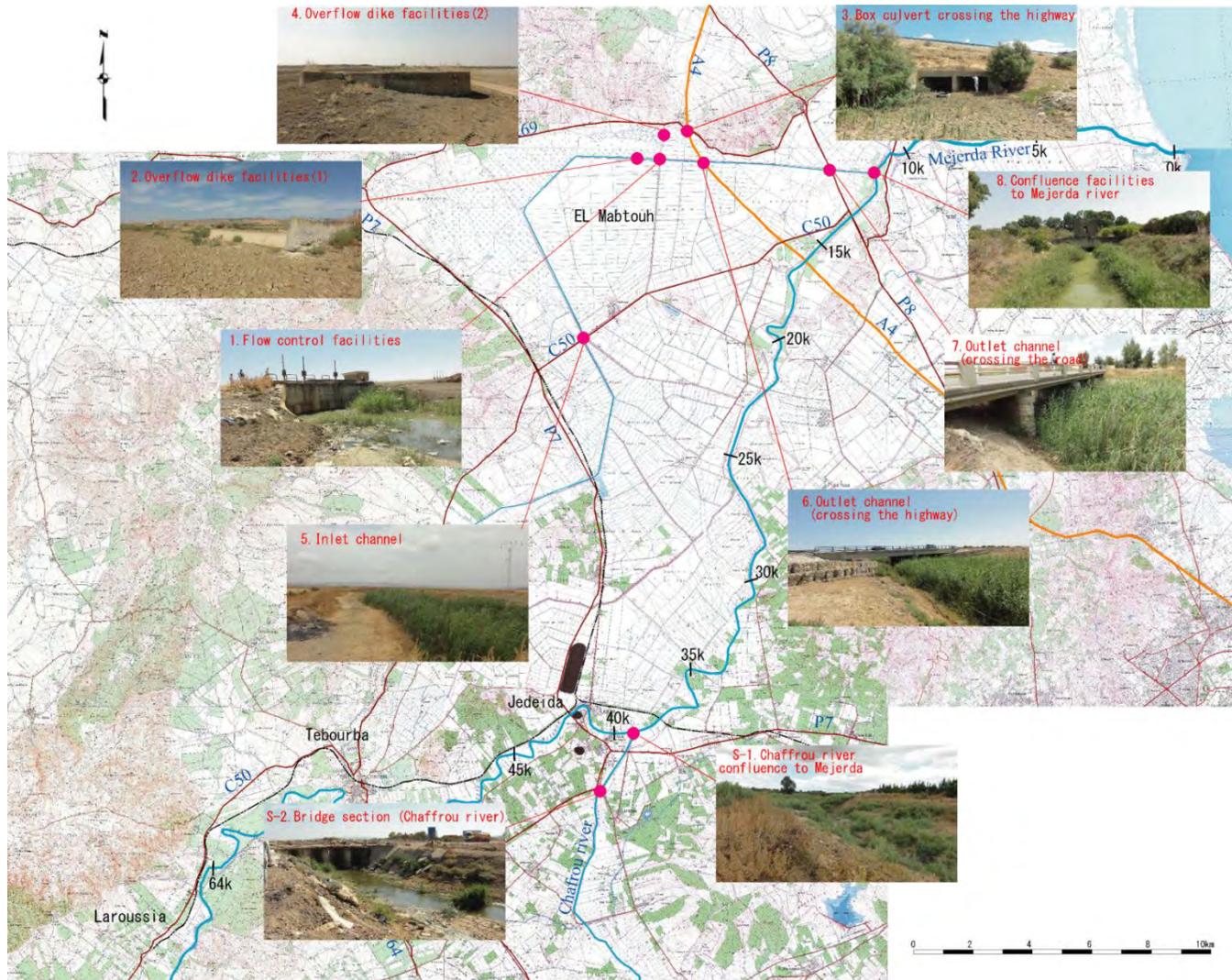
**\*6+ Qwxtci gu'j { f t cwils wgu'f w'dcu'k'p'f g't'g'v'c't'f go gp'v'f o'G'ri'O cdv'q'w'j "**

Nc"n'k'w'g'g'v'ng'o'r'm'e'g'o'gp'v'f'gu'q'w'x't'c'i'g'u'f'w'g'e'v'g'w'r'nc'p'k'k' "f'w'd'c'u'k'p'f'g't'g'v'c't'f'go'gp'v'f'o'G'ri'O'c'd'v'q'w'j' "  
 h'i'w't'g'p'v'f'c'p'u'g'v'c'd'g'c'w'g'v'nc'ect'v'g'ek'f'g'u'u'q'w'0'F'g'u'r'j'q'v'q'u'f'g'u'q'w'x't'c'i'g'u'q'p'v'<sup>2</sup>'v' "l'q'k'p'v'g'u'<"nc'k'p'<sup>2</sup>c'40' "f'g'nc' "  
 F'q'ew'o'g'p'v'c'k'q'p'0'

**Vcd'g'c'w'4/8'N'k'w'g'f'g'u'r't'p'k'p'r'c'w'z'q'w'x't'c'i'g'u'f'w'd'c'u'k'p'f'g't'g'v'c't'f'go'gp'v'f'o'G'ri'O'c'd'v'q'w'j' 'g'v'f'g'h'q'w'g'f' "  
 E'j'c'lt'q'w'**

P'Å'	P'q'o' "	H'q'p'c'k'q'p'u'
3"	E'c'p'c'n'f'g'p'v' <sup>2</sup> g'	T'g'e'g'x'q'k'f'g'nc'w'f'g'r'w'u'nc'\ q'p'g'5'r'q'w' <sup>2</sup> x'c'e'w'g't'
4"	F'k'i'w'g'f'g'f' <sup>2</sup> d'q't'f'g'o'g'p'v'	F <sup>2</sup> d'q't'f'g'o'g'p'v'f'g'nc'w'k'p'q'p'f' <sup>2</sup> g'f'g'nc'\ q'p'g'5'x'g't'u'nc' " \ q'p'g'4"
5"	F'k'i'w'g'f'g'e'q'p'v' <sup>2</sup> g'r'q'w't' <sup>2</sup> d'q't'f'g'o'g'p'v'	E'q'p'v' <sup>2</sup> g'f'g'f' <sup>2</sup> d'q't'f'g'o'g'p'v'f'g'nc'w'k'p'q'p'f' <sup>2</sup> g'f'g'nc' " \ q'p'g'5'x'g't'u'nc' \ q'p'g'4"
6"	F'k'i'w'g'h'w'k'd'g'	! x'c'e'w'c'k'q'p'w'i'g'p'v'f'g'nc'w'k'p'q'p'f' <sup>2</sup> g'f'g'nc' \ q'p'g'5' " x'g't'u'nc' \ q'p'g'3"
7"	X'c'p'p'g'f'g'e'q'p'v' <sup>2</sup> g'f'g'f' <sup>2</sup> d'k'	! x'c'e'w'c'k'q'p'f'g'nc'w't'g'p'w'g'f'g'r'w'u'nc' \ q'p'g'5'x'g't'u'nc' " \ q'p'g'3'c'k'p'k's'w'nc' \ q'p'g'4'x'g't'u'nc' \ q'p'g'3"
8"	E'c'p'c'n'f'g'u'q't'v'g'*t'c'x'g't'c'p'v'nc'w'q't'q'w'g'+"	! x'c'e'w'c'k'q'p'f'g'c'w'f'g'u' \ q'p'g'3.'4'g'v'5.'c'w'z'g'p'x'k'q'p'u' " f'w'r'q'k'p'v'q'Á'nc'e'c'p'c'n'v'c'x'g't'g'nc'w'q't'q'w'g'"
9"	F'c'q'v'*t'c'x'g't'c'p'v'nc'w'q't'q'w'g'+"	! x'c'e'w'c'k'q'p'f'g'c'w'f'g'r'w'u'nc' \ q'p'g'3.'g'nc'e'c'p'c'n'v'c'x'g't'g' " nc'w'q't'q'w'g'0'
:	E'c'p'c'n'f'g'u'q't'v'g'*t'c'x'g't'c'p'v'nc'w'q't'q'w'g'+"	! x'c'e'w'c'k'q'p'f'g'c'w'f'g'u' \ q'p'g'3.'4'g'v'5.'c'w'z'g'p'x'k'q'p'u'f'w' " r'q'k'p'v'q'Á'nc'e'c'p'c'n'v'c'x'g't'g'nc'w'q't'q'w'g'0'
;	F'k'i'w'g'f'g'f' <sup>2</sup> d'q't'f'g'o'g'p'v'*3+	T <sup>2</sup> i'w'c'k'q'p'f'g'nc'w' <sup>2</sup> x'c'e'w'g'c'w'r'q'k'p'v'f'g'e'q'p'h'w'g'p'eg' " f'g'h'q'w'g'f'O'g'l'g'f'c'"
32"	F'k'i'w'g'f'g'f' <sup>2</sup> d'q't'f'g'o'g'p'v'*4+	T <sup>2</sup> i'w'c'k'q'p'f'g'nc'w' <sup>2</sup> x'c'e'w'g'c'w'r'q'k'p'v'f'g'e'q'p'h'w'g'p'eg' " f'g'h'q'w'g'f'O'g'l'g'f'c'"
33"	I'c'g't'k'g'f'g'x'c'e'w'c'k'q'p'I'X'c'p'p'g't'c'd'c'w'd'g'c'w'q'w't'u'f'w' " e'c'p'c'n'	! x'c'e'w'c'k'q'p'f'g'nc'w'f'g'r'w'u'nc' \ q'p'g'3'g'v'4'x'g't'u'nc' " e'c'p'c'n'f'g'p'v' <sup>2</sup> g'g'v'nc'e'c'p'c'n'f'g'f' <sup>2</sup> d'q't'f'g'o'g'p'v'0'

"  
"



Hli wt g'4/37'Rt kpel cwz 'qwt ci guf w't<sup>2</sup> tlo<sup>3</sup> w'g'f w'dcuwk'f g'tgwt f go gpv'f GdO cdwqj 'gvf g'hqwg'f 'Ej ch qw'

**405 Uwvckpp'f gu'f<sup>2</sup> i -w'f )kppf c v kpp'**

**405B Ect cev<sup>2</sup> t hns wgu'j { f t qni ks wgu'f gu't t lpek cngu'kppf c v kpu'**

Ng" vcdrgw' ekf guuqwu" kpf ks wg" ngu" et wgu" r cuu<sup>2</sup> gu" f gr wku" 3; 22" gv' ngu" f<sup>2</sup> dku" f g" r qlpv" cwz" r t lpek cngu" uvc kpu' f g' lci wci g' f w' dcuakp' f g' h' qwgf "O glgtf c0"

**Vcdrgw'4/9'Et wgu'r cuu<sup>2</sup> gu'f c pu'ig' dcuakp' f g' h' qwgf "O glgtf c"**

Flood	Peak Discharge(m <sup>3</sup> /s)						
	Mellegue(K13)	Ghardimaou	Jendouba	Bou Salem	Slouguia	Mejez Elbab	Jedeida
Feb 1907	-	-	1,610	-	-	-	-
Feb 1928	-	-	-	1,220	-	-	-
Mar 1929	-	-	-	1,760	-	-	-
Dec 1932	-	-	-	2,060	-	2,250	-
Jan 1940	-	-	-	1,780	-	-	-
Oct 1947	-	-	-	1,700	-	1,280	-
Nov 1948	-	-	-	851	-	891	-
Jan 1952	-	-	-	904	-	981	-
Mar 1959	-	-	-	1,140	-	1,490	-
Sep 1969	4,480	-	-	1,485	-	1,440	-
Mar 1973	-	2,370	2,420	3,180	-	-	-
1976	-	1,013	970	-	-	-	-
1981	Sidi Salem Dam Completed						
Dec 1984	600	570	750	900	-	-	-
Jul 1989	-	-	-	-	470	-	-
May 2000	4,480	736	327	977	-	-	-
Jan 2003	2,600	1,090	1,070	1,020	744	730	-
Jan 2004	2,480	1,470	1,024	889	-	-	-
Jan 2005	-	838	616	529	-	224	-
Apr 2009	-	-	-	-	365	262	-
Feb 2012	-	-	-	-	-	-	324

Eqo o g" kpf ks w' ekf guuqwu" f g' pgo dtgwugu" kppf c v kpu' qp v' lws w' k' chge v' "ng' dcuakp' f g' h' qwgf "O glgtf c0"  
 Ngu" r t lpek cngu" et wgu" f g' egu" t<sup>2</sup> egpv' gu' c pp<sup>2</sup> gu" kpf ks w' gu" ekf guuqwu" ugt qp v' k' f<sup>2</sup> et kgu" f )p" r qlpv' f g' xwg"  
 j { f t qni ks w' g0"

- \*3+Et w' f g' o ctu' 3; 95"      \*uwxgpw' gp' o ctu' 3; 95+
- \*4+Et w' f g' o ck' 4222"      \*uwxgpw' gp' o ck' 4222+
- \*5+Et w' f g' lcpxlgt' 4225"      \*uwxgpw' gp' lcpxlgt/ l' xtlgt' 4225+
- \*6+Et w' f g' lcpxlgt' 4226"      \*uwxgpw' gp' f<sup>2</sup> ego dtg' 4225' / l' xtlgt' 4226+
- \*7+Et w' f g' lcpxlgt' 4227"      \*uwxgpw' gp' lcpxlgt/ o ctu' 4227+
- \*8+Et w' f g' cxtkl' 422; "      \*uwxgpw' gp' cxtkl' 422; +"
- \*9+Et w' f g' l' xtlgt' 4234"      \*uwxgpw' gp' l' xtlgt/ o ctu' 4234+

"  
Eqo o g'lpf ks w<sup>2</sup> 'ekf guuwa."f g'hqt vgu'lpqpf cvkpu"ug'r tqf wkgpv'<"r"uclukp" f gu'r nkgu" \*f<sup>2</sup> ego dtg" <"o cki"  
f cpu'rg" dcuukp" f g' nqwgf "O glgtf c0'Ng" hqt v' xqno g'f g'r t<sup>2</sup> ekr kvkpu" f g"r" r<sup>2</sup> tkqf g" f<sup>2</sup> ego dtg/ lcpxlgt" guv' <"  
o gpv'kppgt" r cto k'rgu' ecwugu' r quukdrgu. "o cku" f gu'et wgu' ecw<sup>2</sup> gu' r ct' rgu' r nkgu" vqt gpvkgmu" eqpegpv<sup>2</sup> gu' f w'  
r tlvgo r u' g' f g" n<sup>2</sup> wqo pg" uqp v<sup>2</sup> i crgo gp' qdugt x<sup>2</sup> gu' f cpu' eg" dcuukp" t grvkg go gpv' t<sup>2</sup> f wks' Rct" eqpu<sup>2</sup> s wgpv."  
nko r hccv'k p' f gu'ectce v<sup>2</sup> tkvks wgu' j { f tqm i ks wgu' uwxkcpv' gu' <" eqpuk<sup>2</sup> tgt0

- 3+ Ngu" i tcpf gu'et wgu' ecw<sup>2</sup> gu' r ct' rgu' chnwpw' f g' r' tkg" i cwej g" gv' rg" eqwtu' r tpekr cni' f g' nqwgf "  
O glgtf c" \* <" ngo r nrego gpv' f g' r' uvcv'k p' f g' l'cwi gci g' f g' I j ctf ko cqw' v' gpf gpv' <" ug' f<sup>2</sup> erctgt" gpv' g"  
f<sup>2</sup> ego dtg' gv' f' xtltgt. "cxge" r' hqt v' g' cwi o gpv'k p' f g' r' t<sup>2</sup> ekr kvkpu" f cpu' r' tkg" i cwej g' f' w' dcuukp"  
f g' nqwgf " <" r' uclukp" f gu' r nkgu0
- 4+ F gu' r nkgu" vqt gpvkgmu" eqpegpv<sup>2</sup> gu' v' gpf gpv' <" ug' r tqf wkt g' f g' n<sup>2</sup> wqo pg" cw' r tlvgo r u' f cpu' rg"  
dcuukp" f gu' chnwpw' f g' r' tkg" f' tqkg0
- 5+ F gu' et wgu' r t<sup>2</sup> ugpv' cpv' f gu' j { f tqi tco o gu' <" xctkcvkpu" dtwus wgu' v' gpf gpv' <" uwxgpk" f cpu' rgu"  
chnwpw' f g' r' tkg" f' tqkg0

Ki' cr r ctc, y' s w' rgu' et wgu' f gumt wext legu' v' rgu' s w' egmu' f g' o ctu' 3; 95" qw' f g' lcpxlgt "4225" ug' r tqf wkgpv'  
nqtus w' g' f<sup>2</sup> dk' f g' r qkp v' f' g' pvt<sup>2</sup> g' f cpu' rg" eqwtu' r tpekr cni' f g' nqwgf "gp" Cni<sup>2</sup> tlg' u' clqwg' cw' f<sup>2</sup> dk' f g' r qkp v'  
f' g' pvt<sup>2</sup> g' f cpu' nqwgf "O gni' i w' g' gv' s w' f g' uwtetq, v' f g' hqt vgu' r nkgu" uwxkppgpv' f cpu' rg" dcuukp" f w' e' 1/2 "  
Vwpkukp0

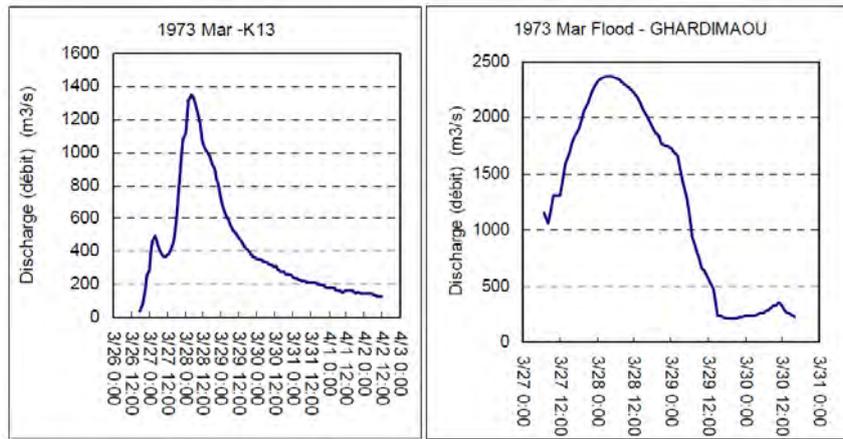
Eqpegtpcpv' ngo r nrego gpv' f gu' dttci gu' f gu' eqwtu' f' gcw' f gu' uvcv'k pu' f g' l'cwi gci g' gv' f gu' r tpekr crgu' xknrgu'  
o gpv'kpp<sup>2</sup> u' ekf guuwa. 'xqk' r' e' Ect v' f g' r quukp' f w' dcuukp' f g' nqwgf "O glgtf c' i' 'gv' r' e' Ect v' f' g' pugo dng' f g'  
r' } qpg' F 4' i' "cw' f<sup>2</sup> dw' f w' f qewo gpv0

**\*3+ Ectce v<sup>2</sup> tkvks wgu' j { f tqm i ks wgu' f g' r' e' t w' f' g' b' ctu' 3; 95"**

Chgevcv' v' wgu' rgu' } qpgu' f g' nqwgf "O glgtf c. "r" et w' f g' o ctu' 3; 95" u' gu' v' tcf wkg' r ct' f gu' lpqpf cvkpu' <"  
i tcpf g' <sup>2</sup> ej gmg0 i " n' r qs w' g' r' dttci g' f g' " Uf k' U' crgo " p' v' ck' r' cu' gpeqtg" eqpuw' wkv' gv' f gwz" go dqwej wt gu'  
gzknckgpv' uwt "r" r ct v' g' r' n' n' u' gp" cxni' f w' eqwtu' r tpekr cni' f g' nqwgf " <" egng' f w' ej gpcni' f' qtki kpg. " gv' egng' f w'  
ecpcni' f g' f<sup>2</sup> tkcvk p' <" Vqdku0

Ne" ur<sup>2</sup> ekhek<sup>2</sup> f g' egwg' et w' g' e' gu' s w' r' f' kurt kdwk p' ej tqpqm i ks w' f g' r' nkgu. "r" hqto g' f g' r' eqwtdg' f g'  
et w' g' f w' f<sup>2</sup> dk' gpvtcpv' f gr wku' n' Cni<sup>2</sup> tlg. "gv' r' hqto g' f g' r' eqwtdg' f g' et w' g' f cpu' rg" eqwtu' r tpekr cni' f g' nqwgf "  
r t<sup>2</sup> ugpv' kcpv' v' wgu' v' p' e' hqt v' r' k' w' pks w' g' i' 0' Wp' f<sup>2</sup> dk' gpvtcpv' dtwus w' g' v' hqt v' xgpw' f' Cni<sup>2</sup> tlg. "ckpuk' s w' g' f' g' t<sup>3</sup> u'  
lo r qt v' cpv' r' nkgu" vqt gpvkgmu" eqpegpv<sup>2</sup> gu' eqwxtcpv' v' w' r' g' dcuukp" f g' nqwgf " qpv' r' tqxqs w' " w' hqt v' f<sup>2</sup> dk' f g'  
et w' g' f cpu' ej cs w' g' t<sup>2</sup> i kpp' f w' dcuukp0 Gp' f g' p' qo dtgwz" r qkp w. "r" ecr cek<sup>2</sup> f g' f<sup>2</sup> dk' f w' ej gpcni' <sup>2</sup> v' f<sup>2</sup> r cuu<sup>2</sup> g."  
ecwucpv' f gu' lpqpf cvkpu' <" i tcpf g' <sup>2</sup> ej gmg" gp' f g' p' qo dtgwz" gp' f' qku0 Ki' gu' egr gp' cpv' tcr r qt v' " s w' r' qtu' f g'  
egwg' et w' g' r' r' t<sup>2</sup> ekr kvkpu' gv' r' g' j cw' p' kgcw' f g' n' gcw' p' qpv' eqp v' p' w' s w' uwt' w' p' g' eqwt v' f w' t<sup>2</sup> g. " gv' s w' r' gu'  
lpqpf cvkpu' p' qpv' r' cu' <sup>2</sup> v' p' qp' r' n' u' t<sup>3</sup> u' r' qpi wgu. 'pg' f' w' t' cpv' s' w' w' p' g' ugo clkg0

"



(a) K13 (Mellegue)

(b) Ghardimaou (Mejerda)

**Hi wtg'4/38'J { f tqi tco o gf g'ic'et wgf g'b ct u'3; 95''**

**\*4+ Ectce<sup>v</sup>t kmls wgu'j { f tqmi ls wgu'f g'ic'et wgf g'b ck4222''**

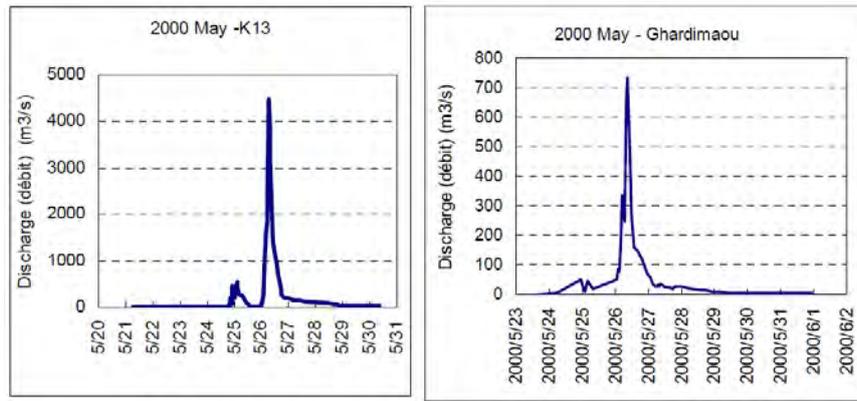
Nqtu'f g'ic'et wgf g'o ck'4222."ngu'f<sup>2</sup>i -u'f' kppf cvkq'p'g'uqpv'uwtxgpw'u's wgf'cpu'ig'dcuukp'uw<sup>2</sup>tkgw'f g' nqwg'f'O glgtf c'0Ngu'ectce<sup>v</sup>t kmls wgu'j { f tqmi ls wgu'«'o gpv'kppgt'r qwt'egw'et wgf'ugpv'igu'uwkxcp'gu'0

3+ Ng'o czko wo 'j kntks wgf'w'f<sup>2</sup>dk'gpv'cpv'f'cpu'nqwg'f'O gni'f wgf'«'ic'ucv'kq'f'g'lcwi gci g'MB5+'gv' wpg'eqwtdg'f'g'f<sup>2</sup>dk'gpv'cpv'«'r'qlpv'wpls wgo

4+ F gu'lp<sup>2</sup>i ckr<sup>2</sup>u't<sup>2</sup>i kpcrgu'gpv'g'igu'r t<sup>2</sup>ekr kcv'kpu'0

Kic'<sup>2</sup>v'ecrewf' s wgf'ig'f<sup>2</sup>dk'gpv'cpv'o czko cni'«'ic'ucv'kq'f'g'lcwi gci g'MB5'cxck'cvw'kpv'h'ej gmg'f'w'p'vgo r u' f g'tgv'w'«'; 2'cpu'0Egr gpf cpv'ig'f<sup>2</sup>dk'gpv'cpv'f'cpu'ig'eqwu'r t'kpek cni'f g'nqwg'f'«'ic'ucv'kq'f'g'lcwi gci g'f'g' I j ctf lo cqw'eqttgur qpf ck'«'w'p'vgo r u'f g'tgv'w'f'g'7'«'32'cpu'0F'cpu'ic'| qpg'ekdi'f'g'r ct'n' w'f'g.'ngu' r t<sup>2</sup>ekr kcv'kpu'<sup>2</sup>cvkpv'eqpegv<sup>2</sup>gu'uw'ngu'dcuukp'f'gu'qwg'f'u'O gni'f wgf.'Vguuc'gv'Tctc'0Nc'et wgf'uguv'r tqf wkg' r t<sup>3</sup>u'f w'f<sup>2</sup>dw'f'g'ic'ucv'kq'u<sup>3</sup>ej g.'cni'tu's wgf'ig'pl'k'gw'f'g'ng'cw'uqen'g'r ct'ig'dcttci g'O gni'f wgf'<sup>2</sup>cvk'<sup>2</sup>rx<sup>2</sup>.'gp' r t<sup>2</sup>r ctcv'kq'r qwt'hcr r tqx'kuk'ppgo gpv'f'g'egw'ucv'kq'p'0Ngpv<sup>2</sup>g'f'w'hw'z'f'g'et wgf'xgpw'f'g'nc'o qpv'c'f'qpe't'gpf w' ngu'nrej gtu'f'g'cw'lp<sup>2</sup>xkcdrgu'0Gp'tcv'kq'f'w'f<sup>2</sup>dk'f'gu'nrej gtu'f'w'dcttci g'O gni'f wgf.'ic'ecr cek<sup>2</sup>'f'g'f<sup>2</sup>dk'f'w' ej gpcn'c'<sup>2</sup>v'f<sup>2</sup>r cu'g'g'v'ngu'kppf cvkqpu'ug'uqpv'r tqf wkgu'0Egr gpf cpv.'i t-eg'«'ng'hw'f'g'eqpv<sup>1</sup>/ig'f'gu'et wgf' f'w'dcttci g'f'g'Uk'k'Ucrgo .'egu'kppf cvkqpu'p)pv'g'w'hw'z's wgp'co qpv'f'g'egw'k'ek'0

"  
"



(a) K13 (Mellegue) (b) Ghardimaou (Mejerda)

**Hi wtg'4/39'J { f tqi tco o g'f g'ic'etwg'f g'b ck4222''**

**\*5+ Ectce<sup>2</sup>t kaks wgu'j { f tqni ks wgu'f g'ic'etwg'f g'icpxlgt '4225''**

Ngu'ectce<sup>2</sup>t kaks wgu'«'o gpv'kppgt'r qwt'ic'etwg'f g'icpxlgt '4225''uqpv'igu'uwxcpv'gu0'

3+ Ngu'eqwt dgu'f gu'hwz'f g'etwg'gpvtcpv'u'r t<sup>2</sup>ugpv'pvr' nwkgtu'r qk'v'gu'«'ic'uc'v'k'p'f g'lcwi gci g'f g'

I j ctf ko cqw'eqo o g'«'ic'uc'v'k'p'f g'lcwi gci g'MB50'

4+ Ngu'r nwkgtu'r t<sup>2</sup>ugpv'pvr' nwkgtu'r qk'v'gu0'

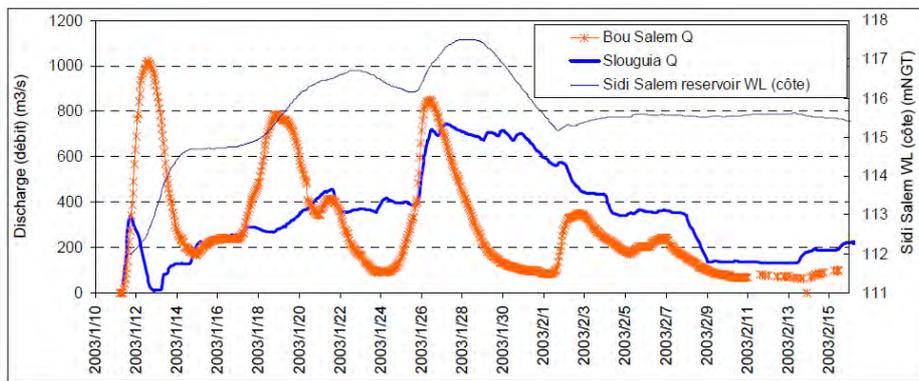
î "ic'uc'v'k'p'f g'lcwi gci g'f g'I j ctf ko cqw'f cpv'ic' r ct'v'g'co qpv'f w'eqwtu'r t'k'p'k' c'f'f' g'hw'w'f "O glgtf c."ig' f<sup>2</sup>dk'v'q'v'c'eqttgur qpf ck'«'w'p'go r u'f g't'g'qwt'«'42'cpu.'o cki'ig'f<sup>2</sup>dk'v'q'v'c'f'f' g'etwg'«'uqo o g'f gu'6'r leu'w'w'52' lqwtu.'3'; 92'222'0' <sup>5</sup>+'eqttgur qpf ck'«'w'p'g'ht<sup>2</sup>s wpeg'f g'92'cpu0'

Ngu'ectce<sup>2</sup>t kaks wgu'f g'ic'etwg'f g'icpxlgt '4225''uqpv'k'k'g'zr rks w<sup>2</sup> gu'r ct'eqo r ct'c'k'p'p'cxge'egmg'f g'o ck' 42220'Eqo o g'ig'o qpv'g'ig'v'cd'g'w'uwxcpv'ig'f<sup>2</sup>dk'gpvtcpv'o czko c'f'f' cpv'ig'f<sup>2</sup>ugtxqk'f g'Uk'k'U'ergo '2'v'k'«' r gw'r t<sup>3</sup>u'f g'o 'o g'ko r qt'v'peg'iqtu'f gu'f gwz'etw'g'0'egr g'p'f cpv'«'ic'f' h'f<sup>2</sup>tg'peg'f g'ic'etwg'f g'o ck'4222.'s w'k'p'g' r t<sup>2</sup>ugpv'k'v's w'p'ugwi'r ke.'egmg'f g'icpxlgt '4225''c'eqo r qt'v<sup>2</sup> w'p'g'u'w'eg'g'u'k'p'f g'6'r leu'g'v'w'p'xq'w'w' g'f g'etwg' v'q'v'c'f'f' n'w'f g'7'iq'ku'w'w'2'k'g'w'g'0'k'c'c'k'p'k'2'v<sup>2</sup>'ko r qu'k'd'ig'f g'o c'k'p'v'p'k'ig'f<sup>2</sup>dk'v'g'w'k'w<sup>2</sup> r ct'ig'd'cttci g'gp' f gu'w'w'f w'p'f<sup>2</sup>dk'k'p'q'f'g'p'k'ig'r qwt'ig'd'cu'k'p'c'x'c'f'0'

**Ved'g'w'4/: F<sup>2</sup>dk'gpvtcpv'gv'f<sup>2</sup>dk'v'g'w'k'w<sup>2</sup> r ct'ig'd'cttci g'f g'Uk'k'U'ergo 'iq'w'f gu'etwg'f g'icpxlgt ' 4225'gv'f g'b ck42270'**

Flood	Maximum Inflow (m <sup>3</sup> /s)	Total inflow (Mm <sup>3</sup> )	Maximum Outflow (m <sup>3</sup> /s)	Peak
May 2000	1,022	157	52	1
Jan 2003	1,065	827	740	4

Ng'f i'cr j g'uwxcpv'o qpv'g'ic'eqwt d'f g'f<sup>2</sup>dk'v'w'z'uc'v'k'p'f g'lcwi gci g'f g'D'q'w'U'ergo 'gv'f g'U'iq'w' w'k.'c'k'p'k' s w'g'ig' p'k'x'g'w'f g'ig'w'f w'f t<sup>2</sup>ugtxqk'f w'f d'cttci g'f g'Uk'k'U'ergo 'iq'w'f g'ic'etwg'0'w'p'g'eqttgur qpf c'peg' cr r tqz'ko c'v'k'g'r gw'ug'f<sup>2</sup>egmg'f w'p'g'r ctv'gpvt'g'igu'x'ct'k'v'k'p'p'ej tq'p'q'ni ks w'gu'f g'ic'etwg'f g'f<sup>2</sup>dk'«'D'q'w' U'ergo 'gv'egmg'u'f w'f<sup>2</sup>dk'gpvtcpv'f cpv'ig'f<sup>2</sup>ugtxqk'f w'f d'cttci g'f g'Uk'k'U'ergo .'gv'f c'w'w'g'r ctv'gpvt'g'igu' x'ct'k'v'k'p'p'ej tq'p'q'ni ks w'gu'f g'ic'etwg'f g'f<sup>2</sup>dk'«'U'iq'w' w'k'gv'egmg'u'f w'f<sup>2</sup>dk'v'g'w'k'w<sup>2</sup> r ct'ig'd'cttci g'0'



**Hli wt g'4/3: 'Et wg'f g'lcpxlgt '4225'<f<sup>2</sup>dk'gpvt cpv.f<sup>2</sup>dk'tgukw<sup>2</sup>'gv'pkxgcw'f g'ngcw'w'Dcttci g'f g' Uf k'Uergo "**

Ng'r tgo lgt'r le"qdugtx<sup>2</sup>"ng"33"lcpxlgt" «"rc"ucvkap" f g"Uqwi wlc"r tqxgpc'f w'f<sup>2</sup>dk'uqt vcp'f w'dcuikp" f g" nqwgf "Uk'lcpc."s w'eqp'hwg"cxge"nqwgf "O glgt c"gp"cxcn'f w'Dcttci g'f g'Uf k'Uergo 0'Ng'dcttci g'p)c'f qpe'r cu" r w'eqvt 1/2gt'eg'r ke0'Gpuwkg."ig'r tgo lgt'gv'ig'f gwz k<sup>2</sup> o g'r le" f g'etwg'xgpcp'f g'nc o qpv'qp'vcw'kpv'ig't<sup>2</sup>ugt xqkt." o cku'ng'hw'f g'eqvt 1/2g'f g'kppf cvkpu"gzgte<sup>2</sup>"r ct'ng'dcttci g'c"r gto ku'f g'o c'k'v'p'k'ig'f<sup>2</sup>dk'tgukw<sup>2</sup>"gpvt g" 522'gv'622"o<sup>5</sup>lu0'Ncttkx<sup>2</sup>g'f w'tqk'k<sup>2</sup> o g'r le" c'egr gpf cpv'r qt v<sup>2</sup>"ncwi o gpv'k'p'lwus w'k'962"o<sup>5</sup>lu0'Gp'qwt g."ki' guv' xkuk'ng" s wg" ncttkx<sup>2</sup>g' f w' s wct k<sup>2</sup> o g'r le." dlgp" s wg" f' j'ej gmg" tgrcvkxgo gpv' r nuu" t<sup>2</sup>f wkg." c" t'gctf<sup>2</sup>" rc" f ko l'p'w'k'p'f w'f<sup>2</sup>dk'tgukw<sup>2</sup> 0'

E'guv'cl'puk's wg"rc"uwtxgpw'f g'o w'nk'rgu'r leu'f w'hwz" f g'etwg" c"gpvt c,p<sup>2</sup>"ng"r tqm'pi go gpv'f g"rc" f wt<sup>2</sup>g" f'k'p'p'f cvkpu"cwuk'dl'gp"gp"co qpv's w'gp"cxcn'f w'dcttci g'f g'Uf k'Uergo 0'Nc" f wt<sup>2</sup>g" f g'uwo g'uk'p" c"2 v<sup>2</sup>"gp" r ct'v'kw'igt'ng'pi w'f cpu'ngu' p'p'gu'gp"cxcn'ug'r tqm'pi gcpv'r nuu'f w'p'o qku'f cpu'egt cvkpu'ecu0'

**\*6+ Ectce<sup>2</sup>t k'w'k' w'gu'j { f tqm'pi k' s w'gu'f g'rc'et wg'f g'lcpxlgt '4226'gv' \*7+ectce<sup>2</sup>t k'w'k' w'gu'j { f tqm'pi k' s w'gu'f g'rc'et wg'f g'lcpxlgt '4227"**

Ng'u'ectce<sup>2</sup>t k'w'k' w'gu'j { f tqm'pi k' s w'gu'«'o gpv'k'ppgt'r qwt'egu'et w'gu'uqpv'rgu'uw'k'x'cp'v'gu0'

3+ Ng'u'eqwt d'gu'f g'hwz" f g'etwg'gpvt cpv'f r t<sup>2</sup>ugp'v'p'v'r nuuk'gw'u'r leu'«'rc"ucvkap" f g'l'cwi gci g'f g"

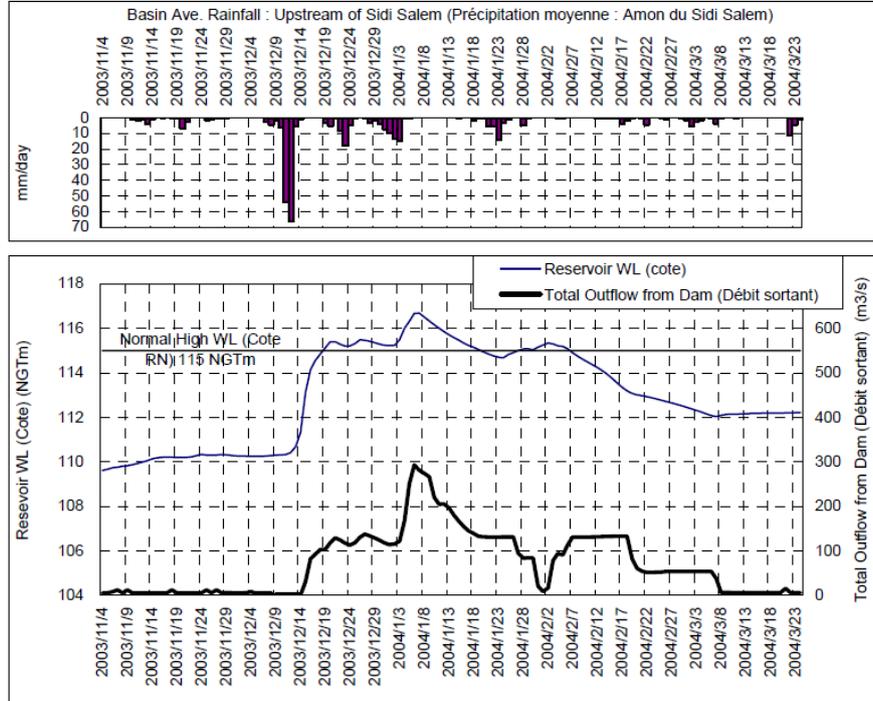
I j ctf ko cqw0'

4+ Ng'u'r t<sup>2</sup>ekr kcvk'p'u'r t<sup>2</sup>ugp'v'p'v'r nuuk'gw'u'r leu0'

Ng"i tcr j g"uw'k'x'cp'v' k'p'f k' s w'gu' r t<sup>2</sup>ekr kcvk'p'u" s w'q'v'f k'gp'p'gu" c'puk' s w'gu' ng" p'k'x'gcw' f g'ngcw' g'v' r'gu' f<sup>2</sup>dku' t'gukw<sup>2</sup>u'r ct'ng"t<sup>2</sup>ugt xqkt' f w'dcttci g'f g'Uf k'Uergo "gpvt g'p'q'xgo dtg'4225"gv'o ctu'42260'Rgpf cpv'rc'etwg'f g' lcpxlgt'4226."ig'r le" f w'f<sup>2</sup>dk'tgukw<sup>2</sup> f w'dcttci g'f g'Uf k'Uergo "c"2 v<sup>2</sup>"qdugtx<sup>2</sup>"ng"8"lcpxlgt'4226."o cku'cwewp'g" r t<sup>2</sup>ekr kcvk'p"ko r qt'v'p'g"p)c"2 v<sup>2</sup>"eqp'uc'v<sup>2</sup>g'cwz"gp'x'k'p'u'f k'g'ew'f g'egw'f cv'g'0'E'gu'f w'32"cw'35" f<sup>2</sup>ego dtg" 4225" s w'gu'f gu'ht'v'gu'r t<sup>2</sup>ekr kcvk'p'u'qp'v<sup>2</sup> v<sup>2</sup>"gpt'gi k'ut<sup>2</sup> gu'0'Nc'r nuuk'qo<sup>2</sup> v'kg'o q { g'p'p'g'r qwt'8"l'q'w'u'f cpu'ig'dcuikp" gp"co qpv'f w'Dcttci g'f g'Uf k'Uergo "eqtt'gur qpf" «'w'p'vgo r u'f g't'g'q'w'f f g'72"cpu'0'C'qtu' s w'gu'ig'dcttci g'cxck' cv'k'p'v'uq'p'p'k'x'gcw'f g'tgo r r'ku'ci g'p'qto c'n'u'q'w'u'ng'hw'f g'egu'r nuuk'gu." f gu'r t<sup>2</sup>ekr kcvk'p'u'f g'r g'v'k'g"«'o q { g'p'p'g" ko r qt'v'peg"uwt'x'gp'w'gu'f w'4;" f<sup>2</sup>ego dtg"cw'5"lcpxlgt"qp'v' i<sup>2</sup> p<sup>2</sup> t<sup>2</sup>"w'p'f<sup>2</sup>dk'gpvt cpv."gv'f gu'n'ej gtu'f g'cw'qp'v' f qpe"2 v<sup>2</sup>"g'hw'g'w' u'r qwt"o c'k'v'p'k'ig'f p'k'x'gcw'0'R'q'w'egw'f t'c'k'q'p."w'p'g'f k'ht<sup>2</sup>g'p'eg"ej tq'p'q'm'pi k' s w'gu'v'cr r ct'wg" gpvt g'ig'r le" f gu'r t<sup>2</sup>ekr kcvk'p'u'gv'ig'r le" f gu'n'ej gtu." r tq'x'q's w'cp'v'gp"cxcn'w'p'g"o qpv<sup>2</sup>g'f w'p'k'x'gcw'f g'ng'w'g'f g'v'

*i wf g'Rt<sup>2</sup>rctcxqkt g'r qwt 'hg'Rtqlgvf g'I gwakqp 'Kp<sup>v</sup>i t<sup>2</sup>g'f w'Dcuukp 'gvf g'Eapvt 1/2g'f gu'Kpqp c'vkqpu'f g'h' qwgf "*  
*O glgtf c "<F<sup>2</sup>xgrqr r go gpv'f gu'O gumt gu'Rt<sup>2</sup>xgpv'kxgu'eapvt g'igu'Kpqp c'vkqpu"*  
*[ cej k'q'Gpi kpggt kpi 'Eq0'Nf 0'*

wp'g'k'p'p'f'c'v'k'p'p'o'c'ni't<sup>2</sup>'n'c'dugpeg'f'g'r't<sup>2</sup>ekr'k'c'v'k'p'p'u'0'Ng'o' 'o'g'r'j<sup>2</sup>p'q'o<sup>3</sup>p'g'c'2'v' "qdugtx<sup>2</sup>"n'qtu'f'g'rc'etwg'f'g'  
 42270



**Hli wt g'4/3; 'Et wg'f g'Lcp'x'g't'4226'z'p'k'g'c'w'f'g'ng'c'w'g'v'f<sup>2</sup>dk't'g'u'k'w<sup>2</sup>'t'w'Dct't'c'i'g'f'g'Uf'K'U'c'ng'o' "**

**\*8+Ect'ce'v<sup>2</sup>t'k'w'k's'w'g'u'j' {f't'q'q'i'ls'w'g'v'f'g'rc'et'wg'f'c'x't'k'i'422; "**

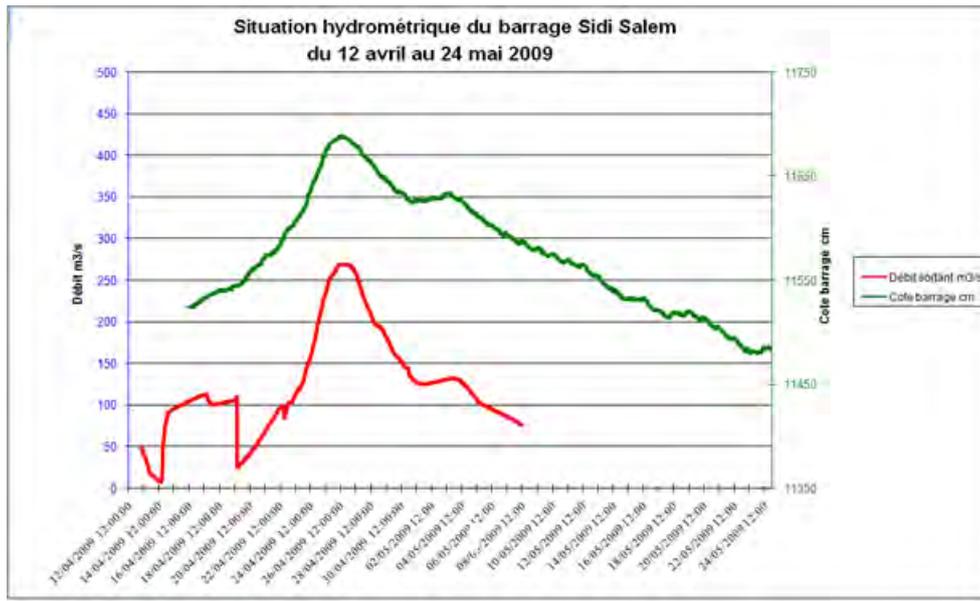
Nc'et'wg'f'c'x't'k'i'422; 'u'g'u'v'f<sup>2</sup>er'c't<sup>2</sup>g'c'r't<sup>3</sup>u'w'p'g'u'2't'k'g'f'g'6'r't<sup>2</sup>ekr'k'c'v'k'p'p'u'w'ee'g'u'k'x'g'u'f'w'4'c'w'7'c'x't'k'n'f'w': 'c'w'  
 ; 'c'x't'k'n'f'w'35'c'w'3: 'c'x't'k'i'g'v'f'w'3: 'c'w'44'c'x't'k'i'0'Ng'x'q'w'o'g'v'q'c'n'f'g'r't<sup>2</sup>ekr'k'c'v'k'p'p'u'o'g'u'w'2'r'q'w't'ng'p'u'g'o'd'r'g'f'w'  
 o'q'k'u'f'c'x't'k'i'2'c'k'f'g'p'x'k'q'p'322'o'o' \*326'o'o' <"L'g'f'g'k'c'.334'o'o' <"V'g'd'q'w't'd'c'40'Ng'u'r't<sup>2</sup>ekr'k'c'v'k'p'p'u'f'w'4'c'w'7"  
 c'x't'k'i'q'p'v'w'x'g'p'w'g'u'c'w'w'f'f'G'n'D'c'w'c'p'. 'g'v'g'u'c'w'w'g'u'w'w'ng'p'u'g'o'd'r'g'f'w'd'c'u'k'p'x'g't'c'p'v'0'

F'c'r't<sup>3</sup>u'rc'F'I'T'G'F'k'g'v'k'q'p'I<sup>2</sup>p<sup>2</sup>t'c'g'f'g'u'T'g'u'q'w't'e'g'u'g'p'G'c'w': 'e'g'u'r't<sup>2</sup>ekr'k'c'v'k'p'p'u'c'x'c'k'g'p'v'w'p'g'r<sup>2</sup>t'k'q'f'g'f'g'  
 t'g'q'w't'f'g'4'<"7'c'p'u'0'

R'w'k'g'w't'u'r'q'k'p'g'u'f'w'h'w'z'f'g'et'wg'f'q'p'v'c'r'c't'w'g'u'c'w'd'c't't'c'i'g'f'g'U'f'K'U'c'ng'o'0'Ng'f<sup>2</sup>dk'g'p't'c'p'v'f'g'rc'r'q'k'p'v'g'  
 k'p'k'c'g'g'2'c'k'f'g'3: 4'o<sup>5</sup>l'u'0'Ng'p'k'g'c'w'f'g'ng'c'w'f'w't<sup>2</sup>u'g't'x'q'k'2'c'k't'g'nc'v'k'x'g'o'g'p'v'2'ng'x<sup>2</sup><"e'g'o'q'o'g'p'v'nc'. 'g'v'ng'  
 d'c't't'c'i'g't'g'n'e'j'c'k'c'n'q't'u'; 2'o<sup>5</sup>l'u'0'N'q't'u'f'g'rc'f'g'w'z'k'o'g'r'q'k'p'v'g'f'w'f<sup>2</sup>dk'g'p't'c'p'v'ng'p'k'g'c'w'f'w't<sup>2</sup>u'g't'x'q'k'f'2'r'c'u'c'k'k'  
 338'o'P'I'V.'g'v'ng'd'c't't'c'i'g'g'h'g'ew'c'k'f'g'u'h're'j'g't'u'o'c'z'k'o'c'w'z'f'g'48; 'o<sup>5</sup>l'u'0'

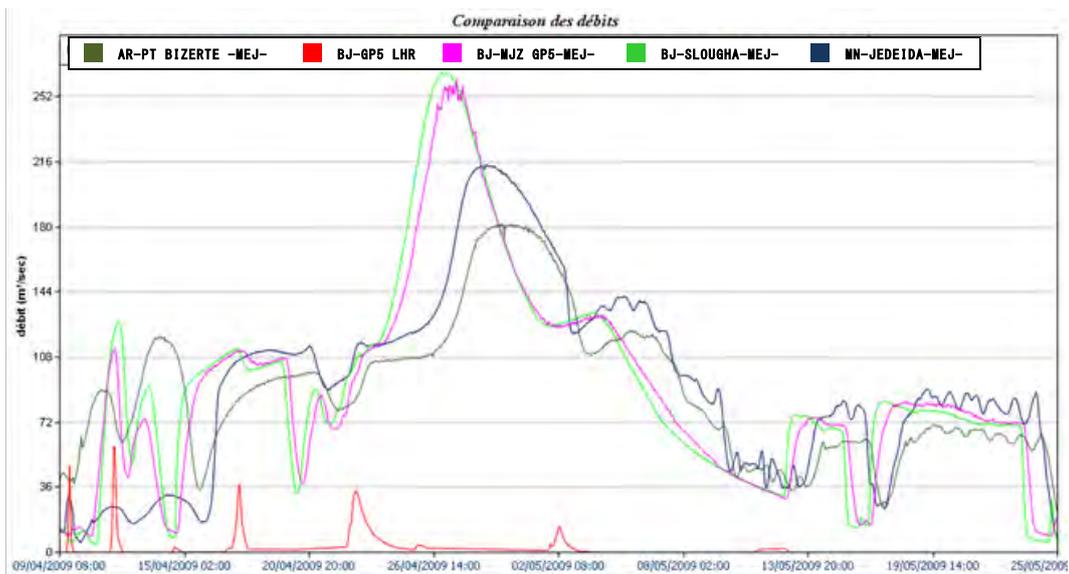
"  
 "  
 "

i wf g'Rt<sup>2</sup>rctcxqk g'r qwt 'hg'Rtqlgvf g'I gwakp 'Kp<sup>v</sup>i t<sup>2</sup>g'f w'Dcuakp 'gvf g'E qpv<sup>1</sup>/zg'f gu'Kp qpf cwkqpu'f g'h' qwgf "  
 O glgtf c " <F<sup>2</sup>xgrqr r go gpv'f gu'O gwt gu'Rt<sup>2</sup>xgpvkgu'e qpv<sup>1</sup>g'igu'Kp qpf cwkqpu"  
 [ cej kq'Gpi kpggt kpi 'Eq0'Ny0'



Uqwtg'<FI TG'

**Hli wtg'4/42'Et wg'f )cxt kl422; <'f<sup>2</sup>dk't gukw<sup>2</sup>'gv'pkxgw'f g'hgcw'bw'Dettci g'f g'Uk k'Uergo "**



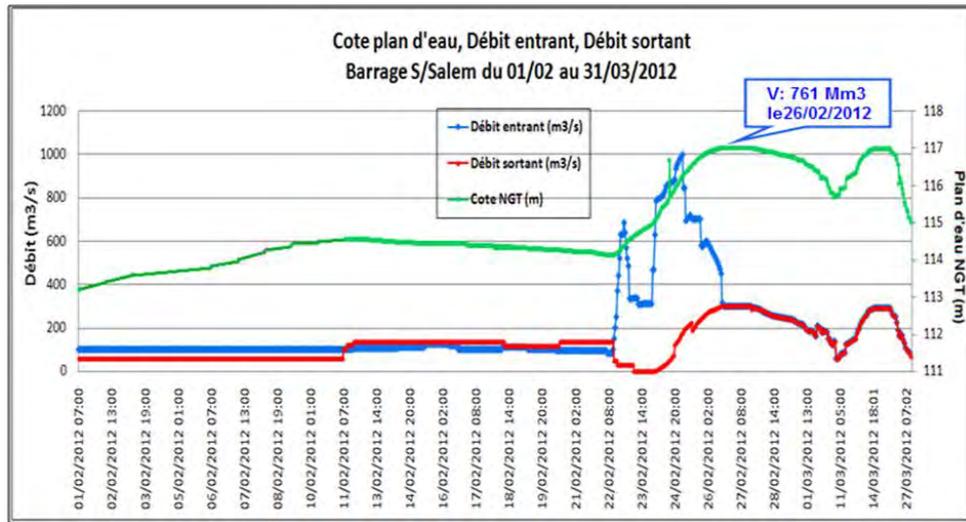
Uqwtg'<FI TG'

**Hli wtg'4/43'Et wg'f )cxt kl422; <'zj { f tqi t co o g'bcw'f t lpekr cgu'bcwkqpu'f g'lcwi gci g'**

**\*9+Ectcev<sup>2</sup>tkms wguj { f tqm l s wgu'f g'ic'et wg'f g'f'xt lgt '4234'**

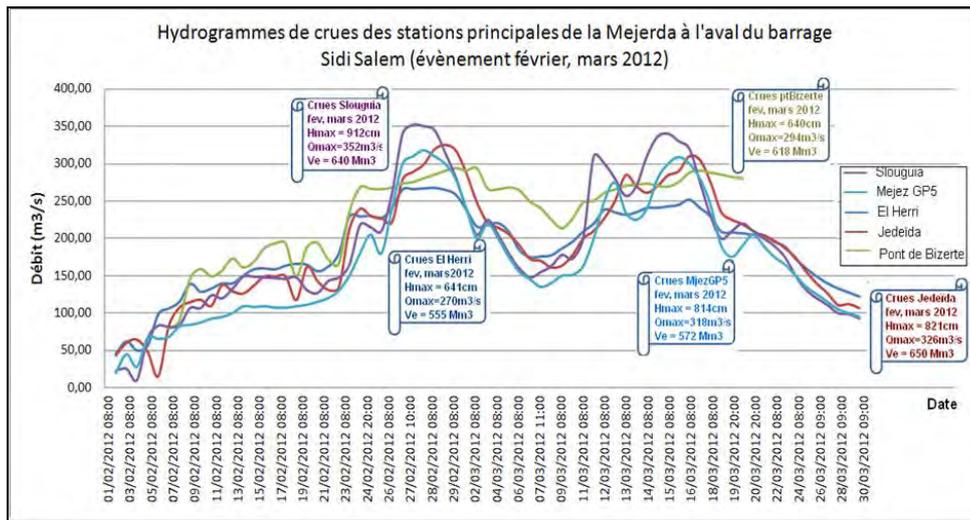
Nc'etwg'f g'f'xt lgt '4234'uguv'r tqf wkg'gp'tckuq'f g'r t<sup>2</sup>ekr kcvkqpu'wtxgpwgu'f w'44'cw'45'lf'xt lgt0E gmguek'  
 qpvr' t lpekr cigo gpv'gw'ngw'f cpu'rgu'dcuakpu'o q { gp'gv'lp<sup>2</sup> tkgw'f g'ngwgf "O glgtf c."ckpuk's wg'f cpu'rg'dcuakp"  
 f g'uqp'eqphwgpv'ngwgf "Ukrkpc0Ng'f<sup>2</sup>dk'gpv'cpv'f cpu'rg'dettci g'f g'Uk k'Uergo "c'r t<sup>2</sup>ugpv<sup>2</sup> '4'r leu0Ngu'nrej gtu"  
 qp<sup>v2</sup> v<sup>2</sup> 'tctgu'qtu'f w'r tgo lgt '\*gp<sup>x</sup>ktqp"922"o<sup>5</sup>lu+."o cku'qtus wg'rg'f gwz k<sup>2</sup> o g"\*gp<sup>x</sup>ktqp"3'222"o<sup>5</sup>lu+c'fck'  
 o qpvt" rg" pkxgcw'f w'ngcw'f w't<sup>2</sup>ugt xqk" cw'f gnk' f g'338" o " P I V." rgu" nrej gtu" qp<sup>v2</sup> v<sup>2</sup> " r tqi t gukxgo gpv'  
 cwi o gpv<sup>2</sup> u'lwus w'k'wp'f<sup>2</sup>dk'f g'tgukwkwqp"o czko cni'f g'4; ; 'o<sup>5</sup>lu'gpvt'rgu'48'gv'49'lf'xt lgt0'

i wf g'Rt rct cvkt g'r qwt 'hg'Rt qlgvf g'I gukqp 'Kp v i t<sup>2</sup> g'f w'Dcuukp 'gvf g'E qpv t /hg'f gu'Kp qpf cvkqpu'f g'h' qwgf " O glgtf c "<F<sup>2</sup> xgrqr r go pnvf gu'O gumt gu'Rt<sup>2</sup> xgpv kxgu'eqpv t g'ngu'Kp qpf cvkqpu" [ cej kq'Gpi kpggt kpi 'Eq0'Nyf 0'



Uqweg'<FI TG'

Hli wt g'4/44'Et wg'f g'l'f xigt '4234'<f<sup>2</sup> dk'g'pvt cpv'f<sup>2</sup> dk't gukw<sup>2</sup> 'gv'pkxgcwf g'hgcw'bw'dctt ci g'f g'Uk'K' Ucro "



Uqweg'<FI TG'

Hli wt g'4/45'Et wg'f g'l'f xigt '4234'<f { f tqi t co o g'bwz'rt l'p'ekr crgu'bcv'kqpu'f g'l'wi gci g'

4050 T<sup>2</sup> uwo<sup>2</sup> f gu'et wgu'f cu'f gu'

Ng'cdrgcw'ekf guuqu'rt<sup>2</sup> ugv'g'wp'cr gt±wf gu'r tkp'ekr crgu'et wgu'o gp'kpp<sup>2</sup> gu'r m'u'j cw'o'

**Vcdrgcw'4/; 'Cr gt±wf gu'r tkp'ekr crgu'et wgu'**

P q0'	P qo 'f g'rc'etwg'	Cr gt±wf g'rc'etwg'gv'f g'ugu'f qo o ci gu'
3"	Etwg'f g'o ctu'3; 95"	Egwg'etwg'c'gpvtc.p <sup>2</sup> f gu'f <sup>2</sup> i -u'<<'i t'cpf g' <sup>2</sup> ej gmg'f cpu'ngpugo drg'f gu'r tkp'ekr crgu' t <sup>2</sup> i k'p'pu'k'p'q'f <sup>2</sup> gu'f g'ng'wg'f "O glgtf c0f' "n' r qs wg."rg'dcttci g'f g'Uk'K'Ucro "p'g'z'k'w'ck'v' r cu."gv'ngo dqwej wt g'eqo r qt'ckv'4'ej gpcwz "*c'p'ek'p'ej gpcn'gv'ecpcn'f g'f <sup>2</sup> tk'c'v'k'q'p' Vqd'ku:0'Egwg'etwg'guv'ectce'v <sup>2</sup> tk'v <sup>2</sup> g'r ci "rg'r le"wp'k'wg'f gu'r t <sup>2</sup> ek'k'c'v'k'q'pu."f w'f <sup>2</sup> dk'v' g'p't'cp'v'gv'f w'f <sup>2</sup> dk'v'q't'v'p'v'0'ki'gu'v'egr g'p'f'cp'v't'cr r qt'v <sup>2</sup> s'wg'ngu'r t <sup>2</sup> ek'k'c'v'k'q'pu'gv'ng'j cw'v' pk'x'gc'w'f g'ng'c'w'p'p'p'v'eq'p'v'k'v'v <sup>2</sup> s'wg'w'v'w'p'g'eq'w'v'f w't <sup>2</sup> g.'gv's'wg'ngu'k'p'q'f'cv'k'q'pu'p'p'p'v'

		r cu <sup>2</sup> v <sup>2</sup> "pqp'r nuu't <sup>3</sup> u'iqpi wgu."pg'f wcpv's wwp'g'ugo c'kpg0'
4"	Etwg'f g'o c'k'4222"	Egwg'etwg'c'r tqxqs w <sup>2</sup> "wp'g'ko o g'tukp'r tqhpf g'f cpu'ig'dcuukp'f g'ng'wg'f "O gni <sup>2</sup> i wg' g'v'ig'dcuukp'uw <sup>2</sup> t'kgw'f g'ng'wg'f "O glgtf c'0'Ngu'ectce <sup>2</sup> t'kns wgu'f g'egwg'etwg' uqp'v'igu' uwk'cp'v'gu' • Gp <sup>2</sup> t <sup>2</sup> g'f cpu'ng'wg'f "O gni <sup>2</sup> i wg' "M3+f' )p'ko r qt'v'p'hwz'f g'etwg'<r' le'w'pls wg'xgpw' f w'e/2' "Cn <sup>2</sup> t'kpg0' • F cpu'nc'  qpg'co qp'v'f w'dcuukp'f g'ng'wg'f "O glgtf c.'r n'kgu'v'qt'gp'v'kgu'eqpegp <sup>2</sup> gu' <'ectce <sup>2</sup> t'g'ng'ec'k'p'0' i "egwg' r qs wg.'ig'dcttci g'f g'Uk'k'Ucrgo "2 v'k'f'2 l<'eqp'ut'w'k'g'v'i t-e'g'<"uqp'g'htg'v' f g'eqvt <sup>1</sup> /zg'f gu'etwgu.'c'wew'f'2 i -w'f )k'p'p'f'cvk'p'p'g'u'v'w'xgpw'gp'c'xcn0'
5"	Etwg' f g' lcp'x'k'g't' 4225"	Egwg'etwg'c'r tqxqs w <sup>2</sup> "f gu'f qo o ci gu'uw'w'p'g'2 v'p'f w'g'z'v' o go gp'v'ko r qt'v'p'w'f g'f" lcp'x'k'g't'<'l'f'xt'k'g't'42250'Ngu'ectce <sup>2</sup> t'kns wgu'f g'egwg'etwg' uqp'v'igu'uwk'cp'v'gu' • Rnw'kg'w'u'ht'w'r' leu'f g'f'2 dk'g'p't'cp'v'<'r'nc'v'k'p'f g'lcwi g'ci g'I j ctf ko cqw'f w'eqwtu' r t'p'ek'cn'f g'ng'wg'f "O glgtf c.'g'v'<'r'nc'v'k'p'f g'lcwi g'ci g'M3'f g'ng'wg'f "O gni <sup>2</sup> i wg'0' • Rnw'kg'w'u'ht'w'r' leu'f g'r' t <sup>2</sup> ek'k'c'v'k'p'u' Ng'f'2 dk'f g'etwg' f g' lcp'x'k'g't' 4225" c" r t <sup>2</sup> ugp'v' r n'w'kg'w'u' r leu' ko r qt'v'p'w'0' i "r" f k'ht' t'p'eg'f g'nc'etwg'f g'o c'k'4227."egm'f g'lcp'x'k'g't'4225" c"gp'w'c'p'2 "wp'g'ko o g'tukp' f g'ng'wg'f w'f w'2 g'ng'ng'pi "f g'ng'wg'f "O glgtf c."gp'co qp'v'g'gp'c'xcn'f w'dcttci g'f g'Uk'k' Ucrgo 0'Gp'c'xcn'gp'r' ct'w'k'g't.'n'ko o g'tukp'c'f w'2 'r nuu'f )w'p'o q'ku'<'egt'v'k'p'u'gp'f t'q'ku'0' F gu'f qo o ci gu'<'82' "f g'ng'p'ugo dr'g'f gu'ng' {gtu'g'v'8'x'k'v'ko gu'q'p'v'2 v'f'2 r'ng'2 u'0'
6"	Etwg' f g' lcp'x'k'g't' 4226"	Uw'kg'<'f g'o w'nk' r'gu'etwgu'f )o r qt'v'p'eg'o q { g'p'p'g.'f gu'ne'j gtu'f )c'w'f w'dcttci g'f g' U'k'k'Ucrgo ."g'ht'gew'2 u'r qwt" o c'k'p'v'p'k' "uqp'p'k'x'g'w'f g'tgo r r'ku'ci g'p'qto cn"qp'v'ecw'2 " f gu'f'2 i -w'f )k'p'p'f'cvk'p'gp'c'xcn0'Ngu'ectce <sup>2</sup> t'kns wgu'f g'egwg'etwg' uqp'v'igu'uwk'cp'v'gu'0'
7"	Etwg'f g'4227"	• Rnw'kg'w'u'r' leu' o q { g'p'u'f w'f'2 dk'v'ut'v'p'v'<'r'nc'v'k'p'f g'lcwi g'ci g'f g'I j ctf ko cqw'0' • Rnw'kg'w'u'r' leu'f gu'r' t <sup>2</sup> ek'k'c'v'k'p'u'
8"	Etwg'f )xt'k'k'422; "	Gp't'cl'k'p'p'f g'ne'j gtu'f )c'w'f w'dcttci g'f g'Uk'k'Ucrgo "g'v'f g'nc'tw' w'g'f g'f k' i wgu." egwg'etwg'c"gp'tc.p'2 "f gu'f'2 i -w'f )k'p'p'f'cvk'p'uw' r'gu'v'gtt'gu'ci t'leq'gu'k'k' i w' gu'g'v'igu' k'p'uc'nc'v'k'p'u'f )t'k'k' c'v'k'p'0'Ngu'ectce <sup>2</sup> t'kns wgu'f g'egwg'etwg' uqp'v'igu'uwk'cp'v'gu'0' • F <sup>2</sup> dk'f g'etwg'<'f g'w'z' r' leu'c'w'z'nc'v'k'p'u'f g'lcwi g'ci g'f g'I j ctf ko cqw'g'v'f g'T'ci j c { " • Rnw'kgu'v'qt'gp'v'kgu'eqpegp <sup>2</sup> gu'<'ectce <sup>2</sup> t'g'ng'ec'nf cpu'igu'i q'w'g't'p'q'c'w'f )c't'k'p'c'g'v' f g'O cp'q'w'c.'uk'w'2 u'f cpu'nc'r' ct'w'g'c'xcn'f w'dcuukp'f g'ng'wg'f "O glgtf c'0'
9"	Etwg'f g'4234"	Egwg'etwg'c"gp'tc.p'2 "f )o r qt'v'p'w'f'2 i -w'f )k'p'p'f'cvk'p'c'w'x'q'k'p'ci g'f g'L'g'f g'k' c'0' Ngu'ectce <sup>2</sup> t'kns wgu'f g'egwg'etwg' uqp'v'igu'uwk'cp'v'gu'0' • F <sup>2</sup> dk'f g'etwg'<'f g'w'z' r' leu'<'r'nc'v'k'p'f g'lcwi g'ci g'f g'L'g'f g'k' c' Nc'uw' g't'k'k'g'l'k'p'p'f'2 g'c'w'q'w'f g'ng'wg'f "O glgtf c'2 v'k'f g'4'438'j c.'c'x'g'e'922'j c'f g' v'gtt'gu'ci t'leq'gu'k'p'p'f'2 gu'<'L'g'f g'k' c'0'

Ng'u'etwgu'g'p't'gi k'nt<sup>2</sup> gu'f gr wku'ngu'cpp<sup>2</sup> gu'3; 22'uqp'v'r' t<sup>2</sup> ugp'v'2 gu'ek'f guu'q'w'0'

**Vcd'ng'cw'4/32'Et wgu'g'p't'gi k'nt<sup>2</sup> gu'f gr wku'3; 22"**

P q0'	Etwg"	G'p't'gi k'nt'go gp'v'f g'nc'etwg"	Q'dugt'x'c'v' k'p'u"
3"	Etwg'f g'l'f'xt'k'g't'3; 29"	Etwg'uw'2'36'l'q'w'u'0'F <sup>2</sup> dk'f g'etwg'f )p'x'k'q'p'5.77"O o <sup>5</sup> .f <sup>2</sup> dk'f g'r' q'k'p'v'g' g'p't'gi k'nt <sup>2</sup> <"L'g'p'f'q'w'c'3."832"o <sup>5</sup> lu."f <sup>2</sup> i -w'f )k'p'p'f'cvk'p'ecw'2 u'<"O gl'g' " G'ri'D'cd"	"
4"	Etwg'f g'l'f'xt'k'g't'3; 4; "	F <sup>2</sup> dk'f g'r' q'k'p'v'g'f g'3'442"o <sup>5</sup> lu'<"D'q'w'U'c'rgo "	"
5"	Etwg'f g'o ctu'3; 4; "	F <sup>2</sup> dk'f g'r' q'k'p'v'g'f g'3'982"o <sup>5</sup> lu'<"D'q'w'U'c'rgo "	"
6"	Etwg'f g'f'2 ego dtg' 3; 53"	Etwg'nc'r' nuu'x'k'q'ng'p'gp'82"cpu'f )d'ugt'x'c'v'k'p'0'F <sup>2</sup> dk'f g'etwg'f g'5.58" O o <sup>5</sup> r' gp'f'cp'v'33"l'q'w'u'0'F <sup>2</sup> dk'f g'r' q'k'p'v'g'f g'4'282"o <sup>5</sup> lu'<"D'q'w'U'c'rgo ." f <sup>2</sup> dk'f g'r' q'k'p'v'g'f g'4'472"o <sup>5</sup> lu'<"O gl'g' "G'ri'D'cd0'	"
7"	Etwg'f g'lcp'x'k'g't'3; 62"	F <sup>2</sup> dk'f g'r' q'k'p'v'g'f g'3'9: 2'o <sup>5</sup> lu'<"D'q'w'U'c'rgo 0'	"
8"	Etwg'f )e'q'dt'g'3; 69"	F <sup>2</sup> dk'f g'r' q'k'p'v'g'f g'3'922"o <sup>5</sup> lu'<"D'q'w'U'c'rgo ."f <sup>2</sup> dk'f g'r' q'k'p'v'g'f g'3'4: 2" o <sup>5</sup> lu'<"O gl'g' "G'ri'D'cd0'	"
9"	Etwg'f g'p'q'x'go dtg'	F <sup>2</sup> dk'f g'r' q'k'p'v'g'f g': 73"o <sup>5</sup> lu'<"D'q'w'U'c'rgo ."f <sup>2</sup> dk'f g'r' q'k'p'v'g'f g': ; 3"o <sup>5</sup> lu'	"

i wf g'Rt<sup>2</sup>rctcqlt g'r qwt 'hg'Rtqlgvf g'I gwklp 'Kp<sup>v</sup>i t<sup>2</sup>g'f w'Dcuwkp 'gvf g'Eapvt 1/2g'f gu'Kpqpfcvkpu'f g'h' qwgf "  
 O glgtf c "<F<sup>2</sup>xgrqr r go gpvf gu'O gumt gu'Rt<sup>2</sup>xgpvkgu'eapvt g'igu'Kpqpfcvkpu"  
 [ cej kq'Gpi kpggt kpi 'Eq0'Ny0'

"			
	3; 6; "	«'O glgl 'GriDcd0'	
:	" Etwg'f g'lcpxlgt'3; 74"	F <sup>2</sup> dk'f g'r qlpvg'f g"; 26'o <sup>5</sup> lu'«'Dqw'Ucrgo . 'f <sup>2</sup> dk'f g'r qlpvg'f g"; : 3'o <sup>5</sup> lu' «'O glgl 'GriDcd0'	"
;	" Etwg'f g'o ctu'3; 7; "	F <sup>2</sup> dk'f g'r qlpvg'f g'"3'362'o <sup>5</sup> lu'«'Dqw'Ucrgo . 'f <sup>2</sup> dk'f g'r qlpvg'f g'"3'6; 2" o <sup>5</sup> lu'«'O glgl 'GriDcd0'	"
32"	Etwg'f g'ugr vgo dtg" 3; 8; "	F <sup>2</sup> dk'f g'r qlpvg'f g'"3'6: 7'o <sup>5</sup> lu'«'Dqw'Ucrgo . 'f <sup>2</sup> dk'f g'r qlpvg'f g'"3'662" o <sup>5</sup> lu'«'O glgl 'GriDcd. 'f <sup>2</sup> dk'f g'r qlpvg'f g'6'6: 2'o <sup>5</sup> lu'«'O gmi i wg' *MB5+0'	"
33"	Etwg'f g'o ctu'3; 95"	F <sup>2</sup> dk'f g'r qlpvg'f g'"4'592'o <sup>5</sup> lu'«'I j ctf ko cqw'5'3: 2'o <sup>5</sup> lu'«'Dqw'Ucrgo " gv'4'642'o <sup>5</sup> lu'«'Lgpf qwdc0'	"
34"	Etwg'f g'3; 98"	F <sup>2</sup> dk'f g'r qlpvg'f g'3'235'o <sup>5</sup> lu'«'I j ctf ko cqw'gv'; 92'o <sup>5</sup> lu'«'Lgpf qwdc0'	"
35"	Etwg'f g'f <sup>2</sup> ego dtg" 3; : 6"	F <sup>2</sup> dk'f g'r qlpvg'f g"; 22'o <sup>5</sup> lu'«'Dqw'Ucrgo . '972'o <sup>5</sup> lu'«'Lgpf qwdc. '792" o <sup>5</sup> lu'«'I j ctf ko cqw'gv'822'o <sup>5</sup> lu'«'O gmi i wg' *MB5+0'	3; : 3" Eqpvt wek qp" f w' dcttci g'f g" Uk'k' Ucrgo "
36"	Etwg'f g'lwkv'3; : ; "	F <sup>2</sup> dk'f g'r qlpvg'f g"; 62'o <sup>5</sup> lu'«'rc'ucwkp'f g'lcwi gci g'f g'Uklcpc'Ncwl. " f g'692'o <sup>5</sup> lu'«'Uqwi wlc'gv'f g'822'o <sup>5</sup> lu'«'rc'ucwkp'f g'lcwi gci g'f g'To kl0'	"
37"	Etwg'f g'o ck'4222"	F <sup>2</sup> dk'f g' r qlpvg' f g' 6'6: 2" o <sup>5</sup> lu' «" O gmi i wg' *MB5+ " 958" o <sup>5</sup> lu' «" I j ctf ko cqw"; 99'o <sup>5</sup> lu'«'Dqw'Ucrgo "gv'549'o <sup>5</sup> lu'«'Lgpf qwdc0'	"
38"	Etwg'f g" lcpxlgt/lf xtlgt'4225"	F <sup>2</sup> dk'f g' r qlpvg' f g' 4" 822" o <sup>5</sup> lu' «" O gmi i wg' *MB5+ " 3" 2; 2" o <sup>5</sup> lu' «" I j ctf ko cqw'"3'292'o <sup>5</sup> lu'«'Lgpf qwdc. "3242'o <sup>5</sup> «'Dqw'Ucrgo . '966'o <sup>5</sup> lu'«' Uqwi wlc'gv'952'o <sup>5</sup> lu'«'O glgl 'GriDcd0'	"
39"	Etwg'f g'f <sup>2</sup> ego dtg" 4225/" lf xtlgt'4226"	F <sup>2</sup> dk'f g' r qlpvg' f g' 4" 6: 2" o <sup>5</sup> lu' «" O gmi i wg' *MB5+ " 3" 692" o <sup>5</sup> lu' «" I j ctf ko cqw'"3'246'o <sup>5</sup> lu'«'Lgpf qwdc'gv': ; ; "o <sup>5</sup> lu'«'Dqw'Ucrgo 0' "	"
3:	" Etwg'f g'lcpxlgt/o ctu' 4227"	F <sup>2</sup> dk'f g' r qlpvg' f g': 5: "o <sup>5</sup> lu'«'I j ctf ko cqw'"838"o <sup>5</sup> lu'«'Lgpf qwdc. "74; " o <sup>5</sup> lu'«'Dqw'Ucrgo "gv'446'o <sup>5</sup> lu'«'O glgl 'GriDcd0'	"
3;	" Etwg'f )xtkl/o ck' 422; "	F <sup>2</sup> dk'f g' r qlpvg' f g'487'o <sup>5</sup> lu'«'Uqwi wlc'gv'484'o <sup>5</sup> lu'«'O glgl 'GriDcd0'	"
42"	Etwg'f g'lf xtlgt/o ctu' 4234"	F <sup>2</sup> dk'f g' r qlpvg' f g'546'o <sup>5</sup> lu'«'Lgpf qwdc0'	"
"			