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$\mathbb{D} 7$	$\mathbb{H}$	$\mathbb{H}$	$\mathbb{H}$
$\mathbb{D} 8$	$\mathbb{H}$	$\mathbb{D}$	$\mathbb{E}$
$\mathbb{D} 9$	β	$\mathbb{D}$	
$\mathbb{D} 10$	β	$\mathbb{D}$	
$\mathbb{D} 11$	$\mathbb{H}$	$\mathbb{H}$	
$\mathbb{D} 12$	$\mathbb{H}$	$\mathbb{H}$	
$\mathbb{D} 13$			
$\mathbb{D} 14$			
$\mathbb{D} 15$		$\mathbb{H}$	$\mathbb{D}$
$\mathbb{D} 16$			
$\mathbb{D} 17$		$\mathbb{H}$	$\mathbb{D}$
$\mathbb{D} 18$	$\mathbb{H}$	$\mathbb{H}$	
$\mathbb{D} 19$			
$\mathbb{D} 20$		$\mathbb{H}$	$\mathbb{H}$
$\mathbb{D} 21$	$\mathbb{H}$		
$\mathbb{D} 22$	$\mathbb{H}$	$\mathbb{H}$	$\mathbb{H}$

$\mathbb{H}$

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- 2'
- 3'
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$$\begin{array}{l} \hat{1} \sim \tilde{3} \qquad \qquad \qquad \hat{A} \\ \tilde{a} \text{ }_{\text{E}} \qquad \qquad \qquad \text{H} \text{ }_{\text{E}} \\ 2018 \quad 4 \text{ }_{\text{E}} \tilde{3} \qquad \qquad \qquad \mathfrak{b} \text{ }_{\text{E}} \mathfrak{F} = \text{ }_{\text{E}} \text{ }_{\text{E}} \quad \mathfrak{p} \\ \hat{A} \text{ }_{\text{E}} \qquad \qquad \qquad \hat{A} \text{ }_{\text{E}} \mathfrak{Y} \text{ }_{\text{E}} \qquad \qquad \qquad \text{ }_{\text{E}} \text{ }_{\text{E}} \quad \tilde{a} \\ \qquad \qquad \qquad \tilde{a} \qquad \qquad \qquad \text{ }_{\text{E}} \text{ }_{\text{E}} \quad \tilde{a} \\ \mathfrak{M} \text{ }_{\text{E}} \mathfrak{Q} \qquad \text{ }_{\text{E}} \text{ }_{\text{E}} \qquad \qquad \qquad \text{ }_{\text{E}} \text{ }_{\text{E}} \quad \mathfrak{b} \text{ }_{\text{E}} \text{ }_{\text{E}} \quad \tilde{a} \text{ }_{\text{E}} \mathfrak{b} \\ \text{ }_{\text{E}} \text{ }_{\text{E}} \quad \Leftrightarrow \quad \tilde{a} \qquad \tilde{a} \qquad \text{ }_{\text{E}} \text{ }_{\text{E}} \quad \gamma \text{ }_{\text{E}} \\ \hat{A} \\ \mathfrak{Y} \text{ }_{\text{E}} \qquad \qquad \qquad \text{ }_{\text{E}} \text{ }_{\text{E}} \quad \tilde{a} \\ \hat{A} \text{ }_{\text{E}} \tilde{3} \qquad \qquad \qquad \text{ }_{\text{E}} \text{ }_{\text{E}} \quad \mathfrak{X} \text{ }_{\text{E}} \\ \beta \text{ }_{\text{E}} \text{ }_{\text{E}} \qquad \qquad \qquad \text{ }_{\text{E}} \text{ }_{\text{E}} \quad \mathfrak{b} \qquad \hat{A} \text{ }_{\text{E}} \mathfrak{p} \qquad \qquad \qquad \mathfrak{b} \hat{A} \\ \text{ }_{\text{E}} \qquad \qquad \qquad \text{ }_{\text{E}} \text{ }_{\text{E}} \quad \mathfrak{p} \text{ }_{\text{E}} \tilde{\phi} \text{ }_{\text{E}} \qquad \qquad \qquad \beta \text{ }_{\text{E}} \text{ }_{\text{E}} \\ = \qquad \qquad \qquad \hat{A} \\ \qquad \qquad \qquad \text{ }_{\text{E}} \text{ }_{\text{E}} \quad \text{ }_{\text{E}} \text{ }_{\text{E}} \quad \mathfrak{H} \text{ }_{\text{E}} \text{ }_{\text{E}} \quad \mathfrak{F} \text{ }_{\text{E}} \mathfrak{z} \\ \text{ }_{\text{E}} \text{ }_{\text{E}} \quad \beta \text{ }_{\text{E}} \text{ }_{\text{E}} \qquad \qquad \qquad \text{ }_{\text{E}} \text{ }_{\text{E}} \quad \text{ }_{\text{E}} \text{ }_{\text{E}} \quad \mathfrak{f} \qquad \qquad \qquad \mathfrak{f} \\ \mathbb{N}_0 \text{ }_{\text{E}} \text{ }_{\text{E}} \quad \mathfrak{p} \qquad \qquad \qquad \text{ }_{\text{E}} \text{ }_{\text{E}} \quad \text{ }_{\text{E}} \text{ }_{\text{E}} \quad \text{ }_{\text{E}} \text{ }_{\text{E}} \quad \text{ }_{\text{E}} \text{ }_{\text{E}} \quad \hat{A} \text{ }_{\text{E}} \mathfrak{X} \\ \text{ }_{\text{E}} \text{ }_{\text{E}} \quad \text{ }_{\text{E}} \text{ }_{\text{E}} \quad \gamma \qquad \qquad \qquad \text{ }_{\text{E}} \text{ }_{\text{E}} \quad \gamma \text{ }_{\text{E}} \tilde{\mathfrak{b}}^{\text{ }_{\text{E}} \text{ }_{\text{E}}} \text{ }_{\text{E}} \text{ }_{\text{E}} \quad \text{ }_{\text{E}} \text{ }_{\text{E}} \\ \qquad \qquad \qquad \text{ }_{\text{E}} \text{ }_{\text{E}} \quad \text{ }_{\text{E}} \text{ }_{\text{E}} \quad \hat{A} \\ \tilde{a} \qquad \qquad \qquad \mathfrak{p} \text{ }_{\text{E}} \tilde{\phi} \text{ }_{\text{E}} \text{ }_{\text{E}} \text{ }_{\text{E}} \qquad \qquad \qquad \hat{A} \\ \hat{2} \sim \qquad \qquad \qquad \mathfrak{M} \text{ }_{\text{E}} \mathfrak{Q} \qquad \qquad \qquad \text{ }_{\text{E}} \text{ }_{\text{E}} \\ \text{ }_{\text{E}} \text{ }_{\text{E}} \qquad \qquad \qquad \text{ }_{\text{E}} \text{ }_{\text{E}} \quad \mathfrak{z} \text{ }_{\text{E}} \text{ }_{\text{E}} \qquad \qquad \qquad \text{ }_{\text{E}} \text{ }_{\text{E}} \quad \hat{A} \\ \text{ }_{\text{E}} \text{ }_{\text{E}} \quad \text{ }_{\text{E}} \text{ }_{\text{E}} \quad \text{ }_{\text{E}} \text{ }_{\text{E}} \quad \text{ }_{\text{E}} \text{ }_{\text{E}} \quad \mathfrak{F} \\ \tilde{\phi} \qquad \qquad \qquad \text{ }_{\text{E}} \text{ }_{\text{E}} \quad \mathbb{N}_0 \qquad \qquad \qquad \text{ }_{\text{E}} \text{ }_{\text{E}} \quad \tilde{a} \end{array}$$

$\tilde{a}$ $\tilde{a}$ $\mathfrak{z}$ 1 $^{\text{ap}}$ $\hat{A}$ $\acute{t}$ $\grave{t}$ $\mathcal{T}$
 Π ' $\mathfrak{b}$ $L_{\mathcal{H}} \mathcal{Y}$ $\mathcal{H}$ $\mathfrak{b}$ $\sim$ $\mathfrak{b}$
 Π $1 \sim$ $^{\text{ap}}$ $\mathcal{H}$ $\mathcal{T}$ ' $^{\text{ap}}$
 $\sim$ $\mathcal{T}$ $\mathcal{N}_2$ $\sim$ Π
 $\mathcal{I}$ $1 \tilde{a}$ $1 \tilde{a}$ $1 \mathcal{L}$ $\hat{A}$
 $\mathcal{E}$ 1 $\sim$ $\sim$
 $;$ $\mathcal{H}$ $\mathcal{H}$ $\sim$ $\mathcal{H}$ $\mathfrak{z}$ $\sim$
 $\mathcal{M} \mathcal{Q}$ $\hat{A}$
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- 7~ 35~ ê 'E Λ b' İ 2015 9 1 ~ ,
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- 9~ ê 1 1 İ 15~ ~ 2021 1 1 ~ ,
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- İ ê ^ 2012 ~ İ ^ 2012 5 23 ~ ,
- 11~ ê^{ao} 3 ^ 2019 ~ İ 1 ~
- 29~ ~ 2020 1 1 ~ ,
- 12~ ' [2014]30~ ê 3 H E İ^ 2014 3 25 ~ ,
- 13~ [2012]77~ ê 3 E İ
- 2012 7 3 ~ ,
- 14~ [2012]98~ ê 3 © 3 H E İ
- 2012 8 8 1 ~ ,
- 15~ [2013]86~ ê 3 H E İ ,
- 16~ [2015]162~ ê 3 1 < E 'E L > İ ,
- 17~ ' [2017]84~ ê 3 E L b 1 L 3 b İ ,
- 18~ ê 1 E İ^ 'E 2017 43~ ~ ,
- 19~ 2015 25~ 3 ê 1 ~
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1~ ê E HJ2.1-2016~ ,
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 3~ ê E HJ2.3-2018~ ,
 4~ ê E HJ610-2016~ ,
 5~ ê E HJ2.4-2009~ ,
 6~ ê E HJ19-2011~ ,
 7~ ê E HJ169-2018~ ,
 8~ ê N₂ HJ338-2018~ ,
 9~ ê E JTJ227-2001~ ,
 10~ ê E JTS 105-1-2011~ ,
 11~ ê T HJ/T 877-2013~ ,
 12~ ê T HJ/T 1143-2017~ ,
 13~ ê HJ HJ/T 451-2016~ Â
 14~ ê TJSJ149-1-2007~

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1.4-7

		P_i	C_i / C_{oi}	100%
		P_i	i	1 %
C_i	T	$\mathbb{F}$	i	1h
C_{oi}	i			$\sim \text{mg/m}^3 \hat{A}$
	H	$\sim$	β	$\gamma \sim$
		$\sim$	5.2	Ω_E 1h
8h		$\grave{a}$		$\sim \gamma N_2$
2	$\grave{a}$ 3	$\grave{a}$ 6	$\mathbb{H}$ 1h	$\hat{A}$
	E	$\mathfrak{b}$	1.5-1	$\hat{A}$
			1.5-1	$\mathfrak{H}$

ê E ↑ Ĩ^ HJ2.3-2018~ 1 ~
E 1.5-3 Â

1.5-3 И

E		
		$Q^f \text{ m}^3/\text{d}^{\sim}$, $W^f \sim$
		$Q \geq 20000 \quad W \geq 600000$
H		ĩ
⋮ A		$Q \quad 200 \text{ F } W, \quad 6000$
⋮ B		—
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H ~ H ¶ β ~ H
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 И, Е Â”
 HJ610-2016 A“ И, Е з N₀ ” “S”
 130 “ ^ à ~ à Ð à à ” Ч
 ~ И, 7 7 Ъ Е Â

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^ 1~ Ъ
 ” 1 Ч 3 1~ F X
 3dB A~ ~ 0 ’ 1 1 ’ ~ ê Е ↑ I
 ^ HJ2.4-2009~ Е Ъ N₀ ~ 1 “ 5.2.4 ’ ”
 1 Ч GB3096 3 à 4 1~ X Е
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 ~ Е ” Е Ъ Ч Â 1.5-4 Â

1.5-4 И И			
” 1	X ±	0 ’ 1 1 ’	
3	3dB A~	Ъ	~
^ 2~ Е			

У 200m Ъ H 200m Â

1.5.5

^ 1~ Ъ
 Ъ Ъ 1 ~ Е ~
 Hê Ч ~ 7 N₀ Â
 ^ 2~ Е
 ê Е ↑ I^ HJ169-2018~ ~ Е
 Ч 7 Ч ~ 3km Ч 1 ’ Е Ч 7
 ~ 500m à И, H 11.68km

1.5.6

$\hat{1} \sim \mathfrak{b}$
 $\hat{e} \quad \mathbb{E} \quad \mathfrak{t} \quad \mathfrak{H}^{\sim} \text{HJ19-2011} \sim \sim \quad \mathfrak{1} \quad \mathfrak{H} \text{ 1118m}$
 $\mathfrak{1} \quad \hat{\sim} \quad \sim \quad 2\text{km}^2 \quad 50\text{km} \quad \mathfrak{1} \quad \mathfrak{b} \quad \mathfrak{v} \quad \mathfrak{a}$
 $\mathfrak{1} \quad \mathfrak{1} \quad \mathfrak{1} \quad \mathfrak{1} \quad \hat{A} \quad \hat{e}$
 $\mathbb{E} \quad \mathfrak{t} \text{ — } \mathfrak{H}^{\sim} \text{HJ19-2011} \sim \quad \mathbb{E} \quad \mathfrak{b} \quad \mathbb{N}\mathfrak{o}$
 $\mathbb{E} \quad \mathfrak{H}^{\sim} \hat{A}$
 $\hat{2} \sim \quad \mathbb{E}$
 $\mathbb{E} \quad \mathfrak{H}^{\sim} \quad \mathfrak{H} \text{ } \mathfrak{1} \quad \mathfrak{H} \quad 200\text{m} \quad \sim \quad \mathfrak{H} \text{ } \mathfrak{1}$
 $\sim \text{ } \mathfrak{H}^{\sim} \quad 500\text{m} \text{ à } \mathfrak{H} \quad \mathfrak{H} \quad \mathfrak{1} \quad 11.68\text{km} \quad \sim$
 $\sim \text{ 12.18km} \quad \hat{\sim} \quad \sim \quad \hat{A}$

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1.5.8

$$E \quad \overset{\circ}{U} \quad E \quad 1.5\text{-}5\text{ \AA}$$

1.5-5			И			
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2		В	Г	Ч	500m à 11,68km	Ч
3	Й	/	/			
4			Г	200m	Ч	200m

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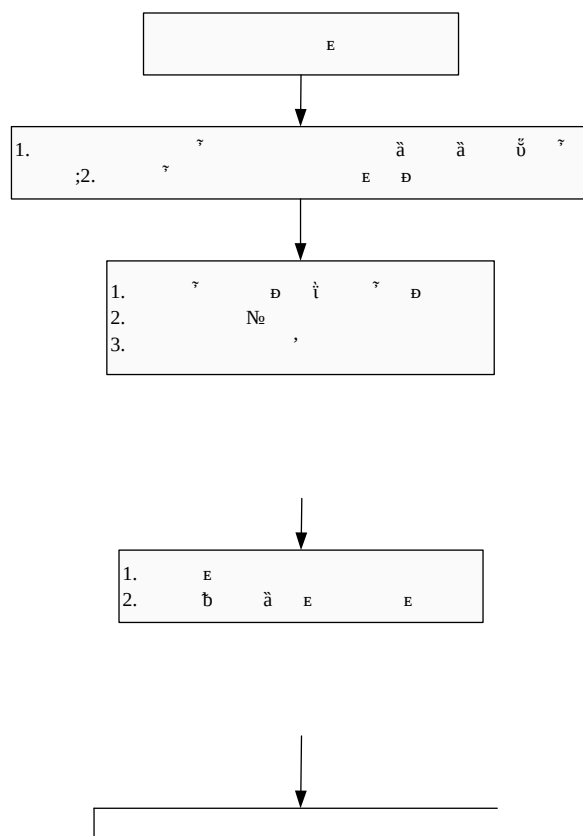
12 $\hat{A}$

№	Г	’	б β γ
1	г	б 15км 9.6км ² б з ч 6~7 АН ь ì б з β ч А	β ∞ γ й 8.15 км
2	“ ” ∞ ч	∞ ч β - 21км ч ∞ ч ∞ ч 5	β ∞ ч й 2.65км
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[illegible]

1.8.2 И

$$\begin{aligned} \hat{1} & \sim E, \\ \hat{2} & \sim N_0, \\ \hat{3} & \sim \tilde{a} \quad N_0, \\ \hat{4} & \end{aligned}$$



2.2-1								
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3	ᠠ ᠠ	ᠠ ᠠ ᠠ	ᠠ ᠠ ᠠ	1	3000 5000~	120	200	ᠠ
4	ᠠ ᠠ	ᠠ ᠠ ᠠ	ᠠ ᠠ ᠠ	1	3000~5000	136	350	
5	ᠠ ᠠ	ᠠ ᠠ ᠠ	ᠠ ᠠ ᠠ	1	1000-3000	120	20	
6	ᠠ ᠠ	ᠠ ᠠ ᠠ	ᠠ ᠠ ᠠ	3	1000~3000	342	240	
7	ᠠ ᠠ ᠠ	ᠠ ᠠ ᠠ ᠠ ᠠ	ᠠ ᠠ ᠠ	4	3000-5000	450	400	
8	ᠠ ᠠ	ᠠ ᠠ ᠠ	ᠠ ᠠ ᠠ	2	2000	265	400	ᠠ
9	ᠠ ᠠ ᠠ	ᠠ ᠠ ᠠ	ᠠ ᠠ ᠠ	5	3000	1100	680	ᠠ ᠠ ᠠ 300

10	π 1	$\epsilon^{\sim}$ E _u	γ ϵ 1	F $\wedge$ $\sim$	9	1000~3000	1215	560	
11		E _u	γ	F $\wedge$ $\sim$	4	3000~5000	560	800	
12	$\mathfrak{D}$ E _u	$\mathfrak{D}$	γ	E $\wedge$ $\mathfrak{D}$ $\sim$	2	3000~5000	222	70	
13		E _u	γ	F $\wedge$ $\sim$	2	1000-3000	200	200	
၂၃					39		5380	5170	

η	h			,
η η	E_{vis} 6000	$\tilde{u}$ β 490 F	[2004]178	[2007]178 F

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7 680 / Å 2.3-2 Å

$\beta \quad \mathcal{Q}$	$\beta \quad \mathcal{V}$	$\hat{\quad} \quad \mathcal{t} \sim$	$\hat{\quad} \quad \mathcal{t} \sim$	β	
7#	$\mathcal{V} \quad \beta$	60	1000		$\mathcal{V} \quad 5000$ $\mathcal{V} \quad \beta$
4# $\hat{\quad} \quad \mathcal{I} \quad \sim$	$\mathcal{F}'$	120	1000		$\mathcal{V} \quad 5000$ $\mathcal{V} \quad \beta$
	$\mathcal{V}$				
	$\mathcal{V}$				
	$\mathcal{V}$				
	$\mathcal{V}$				
3#	$\mathcal{F}'$	20	1000		$\mathcal{V} \quad 5000$ $\mathcal{F}' \quad \beta$
2#	$\mathcal{F}'$	180	1000		$\mathcal{V} \quad 5000$ $\mathcal{F}' \quad \beta$
1#	$\mathcal{F}'$	300	5000		$\mathcal{V} \quad \mathcal{b}_1$
$\mathcal{I} \mathcal{U}$		680			

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24.52		'	
14.39		'	
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212.40	2#	F'	
521.37	1#	F'	Й 1
849.06	10		

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2.3-6

| № з | № з Д | α | β | H м | w ₂ | w ₀ % | w ^ % | Y ^ т/ч | v ₂ ^ м/с | U ^ м/с | ^ кг/ч | ^ кг/ч | Σ | ^ h | ^ т/а |
|----------|-------|-----|---|-----|----------------|------------------|-------|---------|----------------------|---------|--------|--------|------|------|-------|
| ^ 1# β ~ | / | 0.6 | 1 | 0.5 | 0.45 | 6 | 12 | 2400 | 16 | 2.6 | 2.46 | 2.46 | 2172 | 5.34 | |

2.3-8

| | | | t/a | | | | t/a | kg/h | |
|--|----|-----|------|---|---|---|-------|------|--|
| | 1# | β ~ | 5.34 | 1 | 3 | 3 | 5.34 | 2.46 | |
| | 4# | β ~ | 0.8 | 3 | 3 | 3 | 0.023 | 0.07 | |

2.3.5.2

,
 , $\hat{A}$ h Ψ || $\hat{a}$ $\hat{a}$ $\hat{a}$ γ $\hat{b}$
 $\hat{b}$ $\hat{a}$
 $\hat{1}$
 $\hat{e}$ $\hat{I}^{\sim}$ TSJ149-1-2007 $\hat{5000}$
 Ψ 1.385t/d $\hat{1000}$ Ψ 0.27t/d γ
 5000 Ψ 1043 $\hat{1000}$ Ψ 3277 $\hat{H}$
 γ β $\hat{a}$ $\hat{b}$
 η Ψ 2329m³/a $\hat{A}$ Ψ 5000mg/L

2.3-9

| | | m ³ /a | SS | mg/L | | m ³ /a | mg/L | | |
|--|------|-------------------|----|------|-------|-------------------|------|-------|--|
| | | | | mg/L | t/a | | mg/L | t/a | |
| | 1676 | | SS | 1000 | 1.676 | 698.4 | 1000 | 0.698 | |

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| ê | İ^ GB3096-2008~ | 2 | ˘ | ı | ı | ê |
| | İ^ GB3096-2008~ | 3 | Â | | | |

$$a_p, \quad a_p, \quad \tilde{u} \quad 2.3 \cdot 10^{\hat{A}}$$

2.3-10

| $\sim$ | Ω | | | $\hat{t}/a \sim$ | | $\hat{t}/a \sim$ |
|--------|----------|-----------|----------------|------------------|--|------------------|
| 1 | | $\bar{I}$ | $\mathfrak{z}$ | 43.2 |  $\sim$  H | 0 |
| | | | | 43.2 | | 0 |
| 2 | | | η | 0.3 |  η  $\sim$  η | 0 |
| 3 | | | | 19.8 | | 0 |

β η $\sim$ η $\hat{A}$ L
 H_D $\sim$ N_0 $\wedge$ $15 \sim$ $\sim$
 $\sim$ E_n L $\sim$ $\dot{t}$
 $\check{u}$ $\check{y}$ 2.3-11 2.3-13 $\hat{A}$

2.3-11

[illegible]

[illegible]

2.3-12

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~ F 3 1 β ~ 7 7
~ F 3 ~ β Â

2.3.6.2

~ 7 N₀ 7 ũ 7
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~ h 7 N₀ ũ
ũ ~ í Ÿ
1 à 1# ũ 1# 7 ~ 3# à 7# 7
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, 2# à4# à7# ũ 7 Δ β Â
3 à h à à ,
4 à ũ 7 7 Δ β Â

2.3.6.3

1 à 7,7 ~ 7 ^ ~ 7 E_u ~
~ Iu 1 ~ N₀ ~
Â 5 β à 2 7 β à 1 7
β ~ ì 1#~4# à7# β 7 5000 β ~ ~ 5# à6# β 7 5000
7 β ^ 10000 ~ ~
Δ ~ 1360 7,7 Â
2 à 1# ũ 1# ~
2# à 3# à 4# à 7# ũ Â
3 à 1# à 3# 7 ũ ~ 7 ũ ||
Ÿ ~ Δ 2# à4# à7#
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3

3.1

3.1.1

$\hat{1} \sim \Gamma \cdot \gamma \gamma$ ИУ
 $\hat{2} \sim \beta \cdot \gamma \hat{\sim} E_{\pi}$
 $\hat{3} \sim \cdot$
 $\hat{4} \sim \beta \cdot \beta$ Й
 $\mathfrak{b} \mathfrak{z} \gamma \mathfrak{b} \mathfrak{H} \sim \mathfrak{Y}$ 853km
 $115^{\circ}26'30'' \mathfrak{m} 29^{\circ}53'30'' \mathfrak{d} 1118m \hat{A} \mathfrak{i} \beta \mathfrak{l}$
 $4 \hat{A}$
 $\hat{5} \sim 42339.69 \sim \mathfrak{i} 213 \sim \mathfrak{l}$
 $0.50\% \hat{A}$
 $\hat{6} \sim 5 \ 5000 \beta \hat{a} 2 \ 5000 \mathfrak{D} \beta$
 $\hat{10000} \sim 1 \mathfrak{b} \beta \mathfrak{z} \mathfrak{z} 1360 \hat{A}$
 $\mathfrak{a} \mathfrak{a} \mathfrak{a} \mathfrak{a} \gamma \mathfrak{u}$
 $\mathfrak{u} \hat{A}$
 $\hat{7} \sim \mathfrak{u} \mathfrak{u} \mathfrak{b} \mathfrak{z} \mathfrak{L} \cdot \mathfrak{u} 60 \sim \gamma \hat{\sim} E_{\pi}$
 $\sim \mathfrak{b} \hat{A} \beta \sim \beta \mathfrak{b} \mathfrak{z} \mathfrak{u} 260 \sim \mathfrak{i} \beta$
 $\mathfrak{u} 330 \sim \mathfrak{L} \mathfrak{b} 8 \hat{A}$

3.1.2

$\gamma 8 \beta \hat{\sim} 1 \mathfrak{b} \beta \sim \sim \mathfrak{i} 1\# \sim 4\# \hat{a} 7\#$
 $\beta \beta \sim 5\# \hat{a} 6\# \mathfrak{u} 2$

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3.1-4

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380 | $\Delta \text{ } \mathbb{F}'$
160
360 |
| | Q | $\text{ч } 600$
$+600 \text{ RDF}$
80 | $\Delta \text{ } H_{\text{н}} \text{ } \tilde{u}$
15
$\text{ч } Q$ |
| | L | $L \text{ } 2.4 \text{ } \hat{A}$
$3 \text{ } /$
3kg
$90 \text{ } / \hat{A}$ | $\Delta \text{ } H_{\text{н}} \text{ } \tilde{u}$
65
10 |
| | | $\text{ч } 1000$
$/\tilde{a}$
400 | $\Delta \text{ } \mathbb{F}'$
400 |
| | | $\Delta \text{ } 7$ | $7 \Delta \text{ } \tilde{u}$
$7 \Delta \text{ } 7$ |
| | 7 | $\text{ч } E_{\text{н}} \text{ } 7 \text{ } \eta \text{ } \mathbb{F}'$
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N_0 |
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7 | $\text{ч } E_{\text{н}} \text{ } 7 \text{ } L$ | $L \Delta \text{ } N_0$ |
| | 7 | $\text{ч } E_{\text{н}} \text{ } 7 \text{ } 100\text{m}^2 \text{ } h$ | $0.5\text{t}/\tilde{a}$ |

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3.1.7.2

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3.1-8

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3.1.8

3.1.8.1

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3 d=38m h=40m 26000t ~ 8 B=1.2m,

v=2m/s ũ 6 B=1.4m v=2m/s N₀ ~ б

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3.1-11

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| | BC1A/B | 600t/h | | 2 | 1 ဖ ~ 1 ဖ |
| | BC2A/B | 600t/h | | 2 | |
| 3 | | 1200t/h | ၇ | 2 | ~ 1# β |
| 4 | | 1200t/h | ၇ | 2 | ~ 2# β |
| 5 | | 25t-25m | ၇ | 4 | ၇ ~ |
| 6 | | 25t-30m | ၇ | 4 | ~ |
| 7 | | ၆ 5×5m | | 2 | |
| 8 | | Q25 | ၇ | 6 | |
| 9 | | | ၇ | 12 | |
| 10 | | | | | |
| | BC3 | B=1.2m ၊ v=3.15m/s | | 1 | ~ 3# β |
| | BC4A/B | B=1.2m ၊ v=2.5m/s | | 2 | ~ 3# β |
| | | B=1.2m ၊ v=2m/s | | 4 | ~ 4# à 7# β |
| | | B=1.2m ၊ v=2m/s | | 4 | ~ 1# β |
| 11 | | Q=20m ³ /h ၊ H=30m ၊ P=5.5kW | | 8 | / |
| 12 | | / | | 10 | / |
| 13 | h | 700X800X1800 | ၇ | 2 | / |

3.1.8.3

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3.1.8.4

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3.1.9

3.1.9.1

ᠴᠢᠰᠢ 2 5000DWT ᠳᠤ ᠪᠦᠨ ᠶᠢᠨ
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 ᠶᠢᠨ ᠠ ᠴᠢᠰᠢ ᠠ

3.1.9.2

2 5000DWT ᠳᠤ ᠪᠦᠨ ᠪᠦᠨ 265m᠓ 25m᠓ ᠬᠤ ᠶᠢᠨ
 79m᠓ 12m᠓ ᠶᠢᠨ 63m᠓ 12m᠓ ᠪᠦᠨ ᠠ
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3.1.9.3

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 ᠶᠢᠨ ᠶᠢᠨ 1 ᠶᠢᠨ 48mx6.8m᠓ ᠶᠢᠨ 12mx9.5m᠓ ᠶᠢᠨ
 9 Φ1000 ᠶᠢᠨ 45mx1.5m᠓ 7mx7m᠓ ᠶᠢᠨ
 4 Φ1000 ᠶᠢᠨ
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 ᠶᠢᠨ ᠶᠢᠨ ᠶᠢᠨ 1 ᠶᠢᠨ 48mx3.5m᠓ ᠶᠢᠨ
 8mx6m᠓ ᠶᠢᠨ 5 Φ1000 ᠶᠢᠨ ᠠ ᠶᠢᠨ
 ᠶᠢᠨ 2 Φ2000 ᠶᠢᠨ ᠠ
 3#5000 ᠪᠦᠨ ᠴᠢᠰᠢ ᠶᠢᠨ ᠶᠢᠨ ᠶᠢᠨ
 ᠶᠢᠨ ᠶᠢᠨ ᠶᠢᠨ 1 ᠶᠢᠨ 60mx6m᠓ ᠶᠢᠨ 8mx8m᠓
 ᠶᠢᠨ 4 Φ1000 ᠶᠢᠨ ᠠ ᠶᠢᠨ ᠶᠢᠨ
 2 Φ2000 ᠶᠢᠨ ᠠ
 4#5000 ᠪᠦᠨ ᠴᠢᠰᠢ ᠶᠢᠨ ᠶᠢᠨ ᠶᠢᠨ
 ᠶᠢᠨ ᠶᠢᠨ ᠶᠢᠨ 1 ᠶᠢᠨ 48mx4m᠓ ᠶᠢᠨ 10mx8m᠓
 ᠶᠢᠨ 6 Φ1000 ᠶᠢᠨ ᠠ ᠶᠢᠨ ᠶᠢᠨ
 2 Φ2000 ᠶᠢᠨ ᠠ
 7#5000 ᠪᠦᠨ ᠴᠢᠰᠢ ᠶᠢᠨ ᠶᠢᠨ ᠶᠢᠨ

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| 2 | 3A Г V | 192 | | 10m×4.8m ⁴ ~ |
| 3 | 3B Г V | 144 | | 10m×4.8m ³ ~ |
| 4 | 4B/5B Г V | 144×2=288 | | 10m×4.8m ³ ~ |

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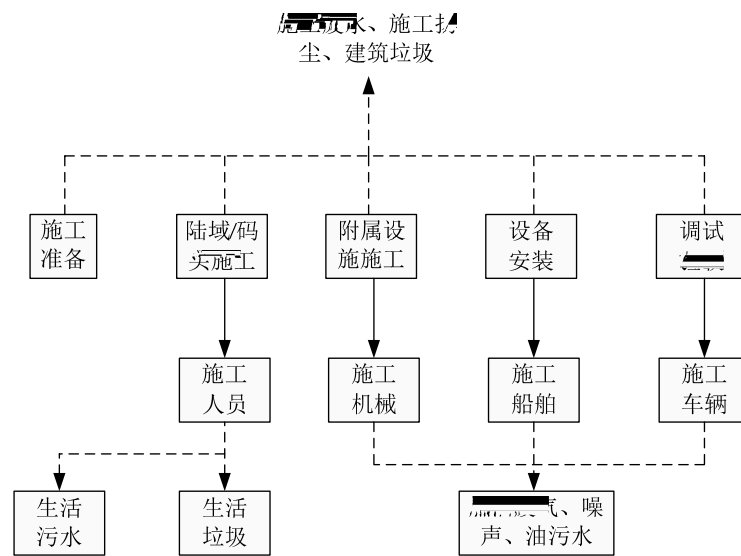
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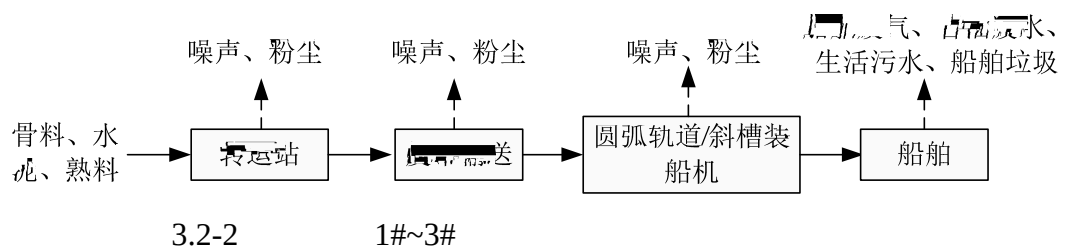
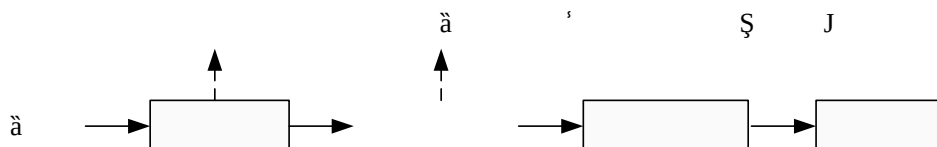
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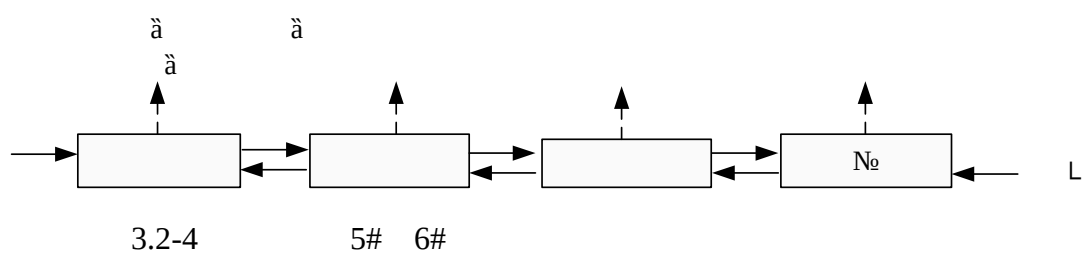
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3.2.2.5

$$\begin{array}{ccccccc} & & N_0 & \Psi & \sim 0 & \Psi & \mu & \hat{A} & N_0 & \mathfrak{B} & \check{U} \\ & & & & & & & & & & \\ \sim & & & & & & & \hat{A} & & & \\ & & \Psi & & \sim & & \infty & & & & \\ & & & & & & \mu & \sim & \dot{t} & \check{Y} & \\ \wedge 1 \sim & & & \mu & & \mathfrak{D} & \neg & & & & 1 \sim \\ & & \grave{a} & & 1 & & \hat{A} & & & & \\ \wedge 2 \sim & & & \mu & & \sim & \ddot{Y} & \neg & & & \\ & & \check{3} & \infty & & & \hat{A} & & & & \\ \wedge 3 \sim & & & & \neg & 1 & N_0 & \sim & & \sim & 1 & N_0 \\ \sim & & \infty & & & & \hat{A} & & & & \end{array}$$

3.2.3

$$\begin{array}{ccccccc} & & \beta & 1\# \sim 3\# & \gamma & \beta \gamma & 4\# \text{ à } 7\# & \mathbb{F} \gamma & \beta \gamma & 5\# \text{ à } 6\# \\ \mathbb{D} & & & & & & & & & \\ & & \mathbb{F} \gamma & & \beta \hat{A} & & & & & \\ & & & & & & & & & \\ \Omega & & \beta & & \mathfrak{U}^{\circ\circ} & & \mathbb{N}_0 & & 3.2-2 \text{ à } 3.2-3 \text{ à } 3.2-4 & \hat{A} \end{array}$$




3.2-12

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| | | | t/a | L/a | g/a | t/a |
| SO ₂ | 3.24 | 2720 | 18814.93 | 2217561.6 | 7184899.58 | 7.18 |
| CO | 27.0 | | | | 59874163.2 | 59.87 |
| NO _x | 44.4 | | | | 98459735.04 | 98.46 |
| CnHm | 4.44 | | | | 9845973.50 | 9.85 |

’ γ 0.85kg/L Å

^ 4~

H₂S Ne ~ 3.2-13 Å

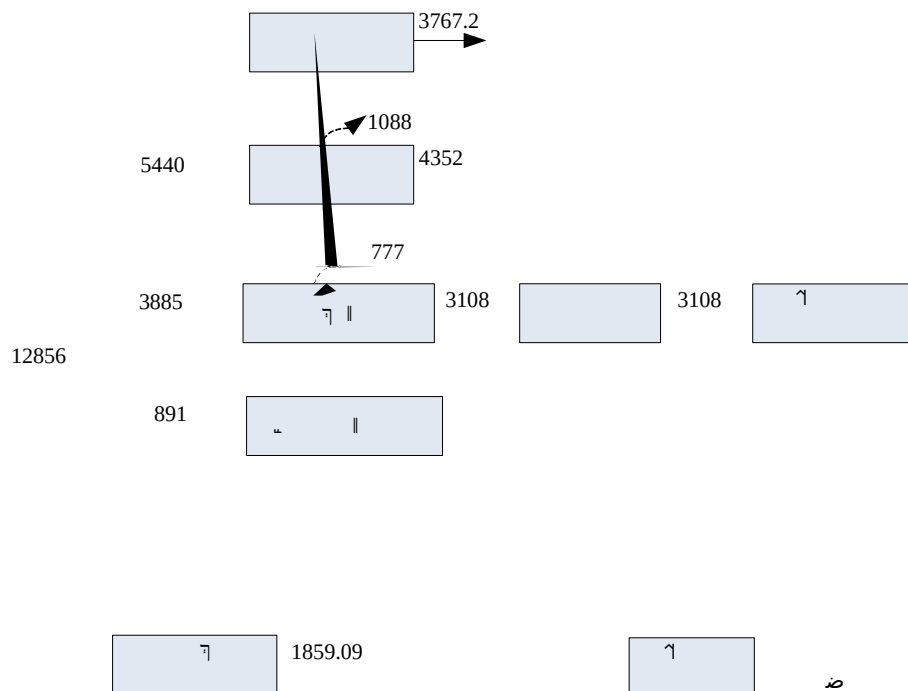
3.2-13

| | | α | | | t/a | kg/h | |
|------|--|-----|---|---|-----|------|------|
| 1# β | | t/a | γ | ă | 90% | 0.43 | 0.26 |

| γ γ | | H ₂ | | ’ ǔ | | N ₂ | |
|---------------------------|------|--|-----------------|-----------------|-------------------------|--------------------------|--|
| | | | | | | | |
| | CnHm | 9.85 | / | / | 9.85 | 2.11 | |
| | | β ǔ | | Â | | | |
| 3.2.4.2 | | | | | | | |
| ^ 1~ | | | | | | | |
| ~ | | ǎ | β | ¶ 5000 | ~ | ê | ’ |
| ǐ~ | | 1000-3000 | | ¶ 0.27-0.81t/d• | | ~ | 3000-7000 |
| | | ¶ 0.81-1.96t/d• | | ~ | 5000 | ǧ | |
| 1.385t/d• | | ~ | β Ǿ | ~ | 5000 | ¶ 2720 | ~ H ₂ |
| γ β | | ǎ | | ǔ | | ~ | |
| ǧ | | ¶ 3767.2t/a Â | | ¶ 5000mg/L~ | | | |
| | | ¶ 18.84t/a Â | | | | | |
| | | N ₂ | | Ǿ~ | | ^ | |
| ~ | | ~ | ’E _u | ǎ | Â | | |
| ^ 2~ | | | | | | | |
| | | ¶ 2720 /ǎ | | ǧ | ǔ | ~ | |
| γ 20 | | / | T | ~ | | 100L | ~ [∞] ¶ 5440m ³ /a |
| ^ 16.48m ³ /d~ | | ~ | 0.8 | ~ | ¶ 4352m ³ /â | 13.18m ³ /d~ | Â |
| h | | ¶ COD ǾBOD ₅ ǎNH ₃ -N | | ǐ | N ₂ | 300mg/L Ǿ200mg/L Ǿ30mg/L | |
| ∞ | | N ₂ ¶ 1.31t/a ǎ 0.87t/a ǎ 0.13t/a Â | | | | | |
| ~ | | ^ | | ~ | ~ | | |
| ’E _u | | F ǧ | γ | ǎ | Â | | |
| ^ 3~ | | b | | | | | |
| b | | ~ | ~ b | Â ǔ | | 7# | β |
| ⊗ | 1 | ~ 7# | 1 β b | ~ | ∞ | ~ | ⊗ b |

| γ ⅴ | hυ | ’ ǔ | Ne |
|--------------------|---|--------------------|---------------------|
| | β 5 ~ | ᵇ ₃ | Δ̃ ǔ ~ |
| Â | | | ∥ |
| ê ˘ | | Ǻ JTS149-1-2007~ ~ | ∥ 5L/m ² |
| ˘ | ᵀ ∥ | 7770m ² | ∥ 100 Â ˘ |
| ᵀ ∥ | ᵀ 3885m ³ /a 38.85m ³ / ~ Â ∥ | | γ 80% ˘ ↓ |
| ᵀ ∥ | ᵀ 3108m ³ /a Â | ℚ ˘ Ne ˘ ì h | SS ᵀ 1000mg/l |
| ↓ SS ^{ss} | ᵀ 3.108t/a Â | | |
| ^ 5 | | | |

| 2 | | 5440 | 1088 | 4352 | ᠬᠤ ᠪᠣ |
|----|-----|-------------------|------|----------|---------|
| 3 | ᠠ ᠪ | 3885 | 777 | 3108 | ᠠ ᠬᠤ ᠪᠣ |
| 4 | ᠠ | 1859.09~ | -- | 1859.09 | |
| 5 | ᠠ ᠪ | 891 | -- | 891 | ᠠ ᠪ ᠬᠤ |
| 6 | ᠪ | 2640 | 2640 | 0 | h à |
| ᠬᠤ | | 12856
1002.52~ | 4505 | 13977.29 | ᠪ |



| 1 1 | | | H | | | | | | , 3 N | | | |
|--------|------|------------|-----|---|-------|----------|---------|--------|---------|-------|---------|--|
| | | | | | | | | | | | | |
| 3.2-18 | | | " | | | € | | | t/a S | | | |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| 1 | | | | | | | | | | | | |
| | HW08 | 900-217-08 | 0.5 | | | | | | 15d | T,I | 1 E | |
| 3.2.5 | | | | | | | | | | | | |
| N | | | X | | | 3.2-19 A | | | | | | |
| 3.2-19 | | | | | | € | | | t/a S | | | |
| | | h 1 | | | 1 | | | | | | | |
| | | a | | | 34.07 | | | 32.389 | | 1.681 | | |
| | | a | | | SO2 | | 7.1802 | | 0 | | 7.1802 | |
| | | | | | CO | | 59.8944 | | 0 | | 59.8944 | |
| | | | | | NOx | | 98.4746 | | 0 | | 98.4746 | |
| | | | | | CnHm | | 9.8524 | | 0 | | 9.8524 | |
| | a | 1 1 a | | | | | 5858.09 | | 5858.09 | | 0 | |
| | | | | | SS | | 4.216 | | 5.292 | | 0 | |
| | | | | | | | 0.009 | | 0.009 | | 0 | |
| | | | | | | | 3767.2 | | 3767.2 | | 0 | |
| | | | | | | | 18.84 | | 18.84 | | 0 | |
| | | | | | | | 4352 | | 4352 | | 0 | |
| | | | | | COD | | 1.31 | | 1.31 | | 0 | |
| BOD5 | | | | | | | | | | | | |

| | | | | | | | | | | | |
|----------------------------|-----|----|--------------------|---------|---------|---------|---------|---|-------|----------|---|
| 表 1
某市 2018 年水环境功能区水质标准 | Ⅲ类区 | | | 1116.16 | 1116.16 | 5858.09 | 5858.09 | 0 | 0 | -1116.16 | |
| | | | SS | 0.907 | 0.907 | 4.216 | 4.216 | 0 | 0 | -0.907 | |
| | | | | 0 | 0 | 0.009 | 0.009 | 0 | 0 | 0 | |
| | Ⅳ类区 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | | COD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | | BOD ₅ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | | NH ₃ -N | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | Ⅴ类区 | 湖库 | | 0 | 0 | 3767.2 | 3767.2 | 0 | 0 | 0 | |
| | | | | 0 | 0 | 18.84 | 18.84 | 0 | 0 | 0 | |
| | | 河流 | | 0 | 0 | 4352 | 4352 | 0 | 0 | 0 | |
| | | | COD | 0 | 0 | 1.31 | 1.31 | 0 | 0 | 0 | |
| | | | BOD ₅ | 0 | 0 | 0.87 | 0.87 | 0 | 0 | 0 | |
| | | | NH ₃ -N | 0 | | 0.13 | 0.13 | 0 | 0 | 0 | |
| | | | | | 0 | 0 | 0.5 | 0 | 0.5 | 0 | 0 |
| | | | | | 0 | 0 | 123.4 | 0 | 123.4 | 0 | 0 |
| | Ⅵ类区 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |

3.3

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4.1

4.1.1

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 ұ π ү π б А қ 115°22'21" 115°49'9" а π
 29°50'30" 30°13'23" А п 1200 Е ү π 1 қ ү π
 қ ү ү а қ ж қ ү қ а қ қ || Dρ А
 ” а қ ” “ ” қ ү 1+8 А
 β ү қ ү қ
 қ ү қ А π ү 5 7
 3000 А п β 52 ү 1 60%
 10 3 800 ү F 3 3 5 ү а н 1 ү 10
 127 ү 1986 ү қ ү π ү қ А
 қ β ү 3 ү 3 ү н ° 3 а
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 ° 3 ү 1 β А қ н а
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 β қ ү й ү ү
 б 3 қ б н ү й ү 853km ү қ
 115°26'30" π 29°53'30" А ÷ β А

4.1.2

м

π ү ÷ ү
 № ү ÷ А қ 17.8 ү қ 6.7 ү
 қ 27.7 ү ү қ -4.3 ү қ 40.3 ү

| г/ч | л/с | г | л/с |
|----------|--------|--------|-------|
| 1595.1мм | 2.6м/с | 1913.5 | 262.3 |
| 16%А | 125.4 | 1913.5 | 262.3 |
| 16.8 | 79%А | | |
| 4.1.3 | | | |
| | | к | т |
| η 47kmА | № 222 | h | г/ч |

| | | γ | γ | h | | | γ | h | e |
|------|------|---|---|----------------|---|---|---|---|-----|
| | | | | | | | | | |
| | | υ | | N ₂ | ψ | π | h | υ | υ |
| | | υ | | δ | υ | | γ | υ | υ |
| 2003 | 2004 | υ | | Â | υ | 0 | h | | 1 1 |

[illegible]

б ~ π ã ℱ' ℱ ~ Δ
 4.5m б 200mÂ ∞∞ ∞ ∥ ∟ H
 ∞ ∥ ∟ γ ~ N₀ ~ π ∅ 1 Â ∞∞
 ~ γ ~ ã π
 ∅ ~ Â

4.1.7

4.1.7.1

∟ 1 ~ ℱ η ~
 γ γ H hν β ~ γ ж ч h Â
 π ч ∅ γ ~ ã ч ж ~ κ ч Â π κ
 γ ~ π ∟ κ Â γ ã ж N₀ Â N₀ ' Â

4.1.7.2

γ h N₀ ч η ∥ ^ Q₄^{al+pl~} ã
 ~ Й ∅ ∞∞ ã ^ T ~ Â ∅
 γ N₀ Й Â
 ŵ-1 ^ Q^{ml~} ' ~ - ~ ~ h ~
 30-80cm ~ 2.00 34.80m~ h N₀
 γ Â
 Ŷ-2 ^ Q^{ml~} ' ~ - ~ ~ ∥ ~ ч ∥ ~ h
 ~ 20-90cm ~
 2.80 23.50m~ h N₀ γ Â
 ŷ-1 ^ Q₄^{al+pl~} ' ~ ~ γ ~ ~ ⊕ ∅ ~
 ~ ï ~ ~ 20-70cm ã Â
 3.00 8.30m~ 13.00 -27.84m~ N₀ Â
 Ÿ-2 ^ Q₄^{al+pl~} ' ~ ~ γ ~ ⊕ ∅ ~
 ï ~ ~ ã Â 1.80 5.70m~
 0.16 -4.49m~ N₀ Â
 Ž-3 ^ Q₄^{al+pl~} ' ~ ~ ~ ï ~ ⊕

[illegible]
$$\begin{array}{ccccccc} \hat{e} & \mu & \gamma & \hat{l} & \text{GB18306-2001} & \hat{u} & \hat{e} \\ \wedge & \text{GB50011-2001} & \text{No} & \gamma & \varphi & \sim & \hat{e} \\ & \varphi & 0.35s & \hat{A} & \gamma & \mu & \hat{l} \\ & \varphi & 0.05g & \hat{e} & \varphi & \hat{A} & \end{array}$$
[illegible]

4.1.9.2 $\perp$

$\frac{1}{\sqrt{2}} \begin{pmatrix} 1 & i \\ 0 & 1 \end{pmatrix}$

4.1.10

| | | | | | | | |
|----------|-----------|----|-----------|---|---------|------|----------|
| | | | 40 | h | ăăă | Â | γ |
| ăεă | u | h | î | ă | 7 | Â | Neă |
| ăă | | | 114.73 | u | H1 | 4.15 | 'ă |
| hNe | | | ă | D | 2167.95 | ' | Neă |
| | | | | | 958.22 | u | î3472.26 |
| Â | | | | | | | |
| | u | | | | Â | h | γβπ |
| 29°52'30 | -29°56'30 | ăK | 115°24'30 | u | 22.9 | Â | |

4.2

2007 8 2007]158 2018 11 2018]159

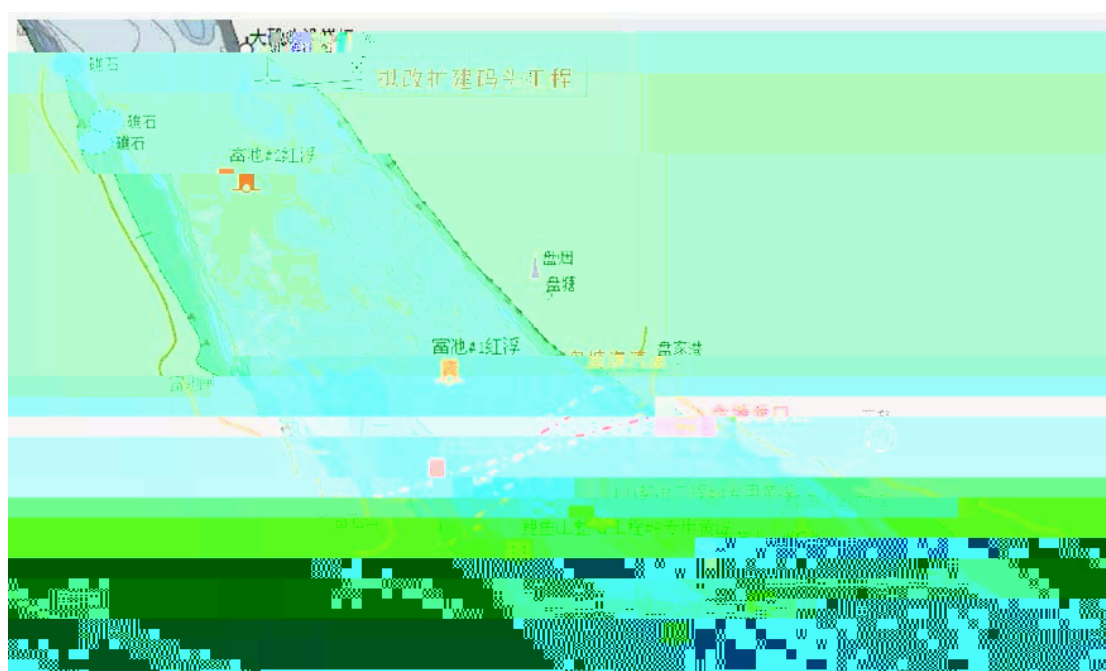
| γ γ | hν | γ | h E |
|---------------------|--------------------------|-----------------------------------|--------------------------------------|
| υ | γ 1 | N ₂ 7580m ⁺ | 1550m o |
| γ | ~ à 1200m ⁺ | 1200m υ 750m ⁺ | 10730m ⁺ ì N ₂ |
| γ | 1013m ⁺ β γ γ | γ ~ ~ 1 | 23.53% Â |
| ^ 1~ | γ γ | | |
| | 6.8 E Â | h | γ γ γ γ ÿ |
| γ | à | υ | Â γ γ |
| 260m ⁺ γ | 150m ⁺ | 685m ⁺ | γ 5705m Â |
| ^ 2~ γ | γ γ ÿ | | |

760m 4.2-1~ 1950m, 100km/h

| 4.2-1 | | | | E | | m S | |
|-------|-------|-------------------|-----------|-----------------------|----|-----|------|
| Q | km | m | β m | γ
β m | m | | |
| E | 844.7 | 80+290+760
+70 | 22.58 | 6.32 | 24 | | 1985 |

4.2.4.3

$\hat{1} \sim$
 $\sim$ β $\check{\text{Й}}$ 700~1860m Ψ ε_1 $\sim$ $\check{\text{З}}$
 125~270m Ψ В $\check{\text{З}}$ $\sim$ $\check{\text{З}}$ 370~525m Ψ ε $\hat{A}$
 $\hat{2} \sim$ $\sim$
 $\check{\text{Й}}$ 2150m $\sim$ $\sim$ 4.2-1 $\hat{A}$



4.2-1

50 m² A

4.2-2

| n | q | m | | 10 ⁴ m ² | |
|---|---|------|-----|--------------------------------|--|
| | | m | m | | |
| 1 | | 2500 | 200 | 50 | |

$\hat{A}$

$2000 \times 140 m^2$

$28 \times 10^4 m^2$

$\hat{A}$

F

$\hat{A}$

4.2.5

4.2.5.1

 $\vec{U}$

| | | | | | | | | | | | | |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 308 | 124 | 298 | 394 | 293 | 345 | 379 | 381 | 464 | 427 | 409 | 416 |
| 2016 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| | 420 | 242 | 469 | 416 | 405 | 412 | 293 | 313 | 423 | 418 | 422 | 329 |

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4.2-4 1 1

| № | 1 | | | | | | Ñ / Ñ |
|---|--------|--|------|------|-------|-------|-------|
| 1 | 1 3388 | | 7195 | 4029 | 15270 | 119.8 | Ñ |
| 2 | 1 2338 | | 5490 | 3074 | 6800 | 108.6 | Ñ |
| 3 | 1278 | | 5308 | 2972 | 10154 | 109.8 | Ñ |
| 4 | 1 1 | | 3476 | 1946 | 6513 | 97.0 | Ñ |

4.2-5 1 1

| № | 1 | | | | | | Ñ / Ñ |
|---|-------|--|------|-----|------|------|-------|
| 1 | 802 | | 393 | 118 | | 34 | Ñ |
| 2 | 6688_ | | 698 | 391 | 1060 | 55.0 | Ñ |
| 3 | 688 | | 1765 | 989 | 2900 | 78.9 | Ñ |
| 4 | 1 869 | | 657 | 367 | 1200 | 54.8 | Ñ |
| 5 | 1230 | | 859 | 481 | 930 | 51.8 | Ñ |
| 6 | 888 | | 1420 | 795 | 2980 | 67.8 | Ñ |

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200m 3062m
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4.3-2

| No | Name | Area (m ²) | Perimeter (m) | | Volume (m ³) | Remarks | Status | Remarks |
|----|------|------------------------|---------------|-------|--------------------------|---------------|--------|---------|
| | | | Length | Width | | | | |
| 1 | | 1500 | 0 | 0 | 1500 | ၂၂ ၊ ၈၀ ၁၅၅၀m | | |
| 2 | | 4700 | 4125 | 375 | 200 | ၂၂ ၊ ၈၀ ၉၂၂၄m | | |
| 3 | | 1700 | 0 | 140 | 1560 | | | |
| 4 | | 3000 | 560 | 634 | 1806 | | | |
| 5 | | 5000 | 1738 | 3062 | 200 | | | |
| 6 | | 2700 | 560 | 112 | 2028 | | | |
| 7 | | 3000 | 0 | 0 | 3000 | | | |
| 8 | | 11200 | 996 | 1109 | 9095 | ၂၂ ၊ ၈၀ ၉၂၂၄m | | |
| 9 | | 11200 | 0 | 126 | 11074 | | | |
| 10 | | 1600 | 0 | 0 | 1600 | | | |
| ၈၀ | | 45600 | 7979 | 5558 | 32063 | | | No |

[illegible]

8

90

$$N_{\underline{0}} \beta$$

à CO

95

$$N_{\underline{0}} \beta$$
 $\hat{e}$

Ї GB3095-2012~ H

 $\hat{\text{APM}}_{2.5}$

| | | | | | | | | | |
|---|----------------|---------------|-----|--|----------|----------|------|---|--|
| | | | | | ^ ug/m³~ | ^ ug/m³~ | /% | | |
| γ | 115.44
4357 | 29.88
9546 | TSP | | 300 | 148~178 | 59.3 | 0 | |
| κ | 115.46
0987 | 29.88
7016 | TSP | | 300 | 179~196 | 65.3 | 0 | |

| | | | | |
|-------|-------------------|---------|-----|-----------|
| 4.4-4 | $\mathbb{T}^\sim$ | β | TSP | $\hat{e}$ |
|-------|-------------------|---------|-----|-----------|

GB3095-2012 H₂ A

4.4.1.3 И

| 2020 | SO ₂ | à NO ₂ | à PM ₁₀ | à O ₃ |
|--------------------|------------------------|-------------------------|---------------------|-----------------------------|
| 8 | 90 | N ₂ β | ê | Ï GB3095-2012~ H |
| ÂPM _{2.5} | б | ê | Ï GB3095-2012~ H | Â |
| ~ | γ ч | б | γ ~ | ч PM _{2.5} 0.085 Â |
| | | TSP | ê | Ï |
| ^ GB3095-2012~ H | Â | | | |
| ч ± | б~ | | ~ | ~ |
| η | ~ | Λ | ~ | Q ~ |
| L ↓ | ê 2018 | | б | Ï [2018]2~ 2018 |
| 5 16 ~ | γ Й “ê | Ï”~ ~ ê | Ï ” | 77 28 ~ |
| γ h | ^ PM ₁₀ ~ à | ^ PM _{2.5} ~ à | 1 à SO ₂ | |
| L~ | à 3 | à | L à | F |
| à | à ~ | ‘E | Â | |
| ê | Ï 7 | à | à | ~ |
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4.4.2 Би

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4.4.2.2

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4.4-6

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|--------------------|---------------------------------------|------------|-----|-------------|
| | 臭 | № 臭 量 | 臭 量 | 臭 量
mg/L |
| pH | pH
GB 6920-86 | PHB-4 | pH | / |
| 1 | 1
HJ 828-2017 | 50ml | | 4 |
| 1 | 1 臭 BOD ₅
臭 HJ 505-2009 | SPX-150 | 1 臭 | 0.5 |
| | 臭 臭
HJ 535-2009 | ALpha-1502 | 臭 臭 | 0.025 |
| | 臭 臭
HJ 970-2018 | ALpha-1502 | 臭 臭 | 0.01 |
| GB 11901-89 ME104E | | | | 4 |

4.4.3 5 и

4.4.3.1

0 Е β ~ π E_н 2021 3 25 ~26
κ ä ä^π ŭ К Ѡ 1 Ä 4.4-9 Ä

| 4.4-9 | | |
|-------|--------|---|
| β | β | |
| 1# | γ κ 1m | — |
| 2# | γ 1m | |
| 3# | γ 1m | |
| 4# | К | |

4.4.4.2

2 ~ ä Ѡ 1 ~ 06:00~22:00 22:00~06:00 ~ Ä

4.4.4.3

ê Ĩ^ GB3096-2008~ ~ ИУ
Ä ~ ä ~ 5m/s^Д
1 m ~ ч 1.2 m ж,з Ä

4.4.4.4

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ê Ĩ^ GB3096-2008~ 3 Е Ä
4.4-10 Ä

| 4.4-10 | | | | | |
|-----------|--------|--|-------|---------|-----|
| | β γ | | дБ A~ | ^ A~ дБ | , , |
| 2021.3.25 | γ κ 1m | | 62 | 65 | |
| | | | 51 | 55 | |
| | γ 1m | | 59 | 65 | |
| | | | 48 | 55 | |
| | γ 1m | | 63 | 65 | |
| | | | 53 | 55 | |
| | К | | 53 | 60 | |
| | | | 43 | 50 | |
| 2021.3.26 | γ κ 1m | | 62 | 65 | |

| | | | | | |
|--|------|--|----|----|--|
| | | | 52 | 55 | |
| | γ 1m | | 58 | 65 | |
| | | | 48 | 55 | |
| | γ 1m | | 63 | 65 | |
| | | | 52 | 55 | |
| | κ | | 53 | 60 | |
| | | | 44 | 50 | |

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| 5 | | | <i>M. granulata</i> | | + |

| | | | |
|----|----|----------------------------------|---|
| 17 | | <i>Tintinnopsiswangi</i> | + |
| 18 | | <i>T.conicus</i> | + |
| | | <i>Rotifera</i> | |
| 19 | | <i>Brachionusangular</i> | + |
| 20 | | <i>B.calyciflorus</i> | + |
| 21 | | <i>Schizocercadiversicornis</i> | + |
| 22 | | <i>Keratellacochlearis</i> | + |
| 23 | | <i>K.ualga</i> | + |
| 24 | | <i>Anuraeopsisfissa</i> | + |
| 25 | | <i>Lecaneluna</i> | + |
| 26 | | <i>M.bulla</i> | + |
| 27 | | <i>Asplanthapriodonta</i> | + |
| 28 | | <i>A.brightwelli</i> | + |
| 29 | | <i>Trichocercarousseleti</i> | + |
| 30 | T | <i>T.longiseta</i> | + |
| 31 | | <i>T.similis</i> | + |
| 32 | | <i>Polyarthratrigla</i> | + |
| 33 | | <i>S.stylata</i> | + |
| 34 | | <i>S.pectinata</i> | + |
| 35 | E | <i>Hexarthramira</i> | + |
| 36 | 33 | <i>Filinia longiseta</i> | + |
| 37 | | <i>Collothecasp.</i> | + |
| | | <i>Cladocera</i> | |
| 38 | | <i>Bosmina longirostris</i> | + |
| 39 | | <i>B.coregoni</i> | + |
| 40 | | <i>Daphnia hyaline</i> | + |
| 41 | | <i>Moina affinis</i> | + |
| 42 | Y | <i>S.vetuloides</i> | + |
| 43 | | <i>Alonacostata</i> | + |
| | | <i>Copepoda</i> | |
| 44 | VI | <i>Phyllodiaptomus tunguidus</i> | + |
| 45 | | <i>Mesocyclops leuckarti</i> | + |
| 46 | | <i>Cyclops strenuus</i> | + |
| 47 | | <i>Microcyclops sp.</i> | + |
| 48 | | <i>Eucyclops serrulatus</i> | + |

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|----------------|-----------------------|---|
| CLUPEIFORMES | | Coiliabrachygnathus [^] Kreyenberget Pappenheim [~] |
| SALMONIFORMES | ã Salangidae | Hemisanxbrachyrostralis [^] Fang [~] |
| | | Protosalanxhyalocranius [^] Abboot [~] |
| | | NeosalanxtangkahkeiiChen |
| ANGUILLIFORMES | ã Anguillidae | AnguillajaponicaTemmiacketSchlegel |
| CYPRINIFORMES | ‘E ã ‘ ‘ Catostomidae | Myxocyprinusasiaticus [^] Bleeker [~] |
| | ã Cobitidae | ↓ BotiasuperciliarisGünther |
| | | ParabotiafasciataDabrydeThiersant |
| | | Parabotiabanarescu [^] Nalbant [~] |
| | | Leptobotiataeniop [^] Sauvage [~] |
| | | Misgurnusanguillicaudatus [^] Cantor [~] |
| | ñ ã Cyprinidae | Zaccoplatypus [^] TemmincketSchlegel [~] |
| | | ‘ OpsariichthysbidensGünther |
| | | ↓ AphyocyprischinensisGünther |
| | | Mylopharyngodonpiceus [^] Richardson [~] |
| | | Ctenopharyngodonidellus [^] CuvieretValenciennes [~] |
| | | Squaliobarbuscurriculus [^] Richardson [~] |
| | | Elopichthysbambusa [^] Richardson [~] |
| | | XenocyprisargenteaGünther |
| | | XenocyprisdavidiBleeker |
| | | XenocyprisrolepisBleeker |
| | | DistoechodontumirostrisPeters |
| | | Pseudobramasimony [^] Bleeker [~] |
| | | Hypophthalmichthysmolitrix [^] CuvieretValenciennes [~] |
| | | Aristichthysnobilis [^] Richardson [~] |
| | | ↓ RhodeussinensisGünther |
| | | Acheilognathusmacropterus [^] Bleeker [~] |
| | | PseudolaubucasinensisBleeker |
| | | Pseudolaubucaengraulis [^] Nichols [~] |
| | | Cultrichthyserythropterus [^] Basilewsky [~] |
| | | CulteralburnusBasilewsky |
| | | Δ Cultermongolicusmongolicus [^] Basilewsky [~] |
| | | CulterdabryidabryiBleeker |
| | | CulteroxycephaloidesKreyenbergetPappenheim |

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| | | Hemiculterleucisculus Basilewsky |
| | | Hemiculterbleekeri Warpachowski |
| | | Toxabramis winhoni Günther |
| | | Parabramis pekinensis Basilewsky |
| | | Megalobrama amblycephala Yih |
| | | Megalobrama kolkovii Dybowski |

| | | |
|------------------------------------|---|--|
| SYNBRANCHIFORMES | Symbranchidae | Monopterus albus [~] Zuiew [~] |
| PERCIFORMES | E à Serranidae | Siniperca chuatsi [~] Basilewsky [~] |
| | | Siniperca kneriGarman |
| | | Siniperca scherzeriSteindachner |
| | à Eleotridae | Odontobutis fuscus [~] BlochetSchlegel [~] |
| | | Hypseleotris swinhonis [~] Günther [~] |
| | ñ à Gobiidae | Ctenogobius giurinus [~] Rutter [~] |
| | à Belontiidae | Macropodus chinensis [~] Bloch [~] |
| | H [~] à Ophiocephalidae | ψ Channa argus [~] Cantor [~] |
| H [~] à T Mastacembelidae | ∇ T Mastacembelus aculeatus [~] Bleeker [~] | |
| TETRODONITFORMES | H [~] H [~] à Tetrodontidae | κ Takifugu obscurus [~] Abe [~] |

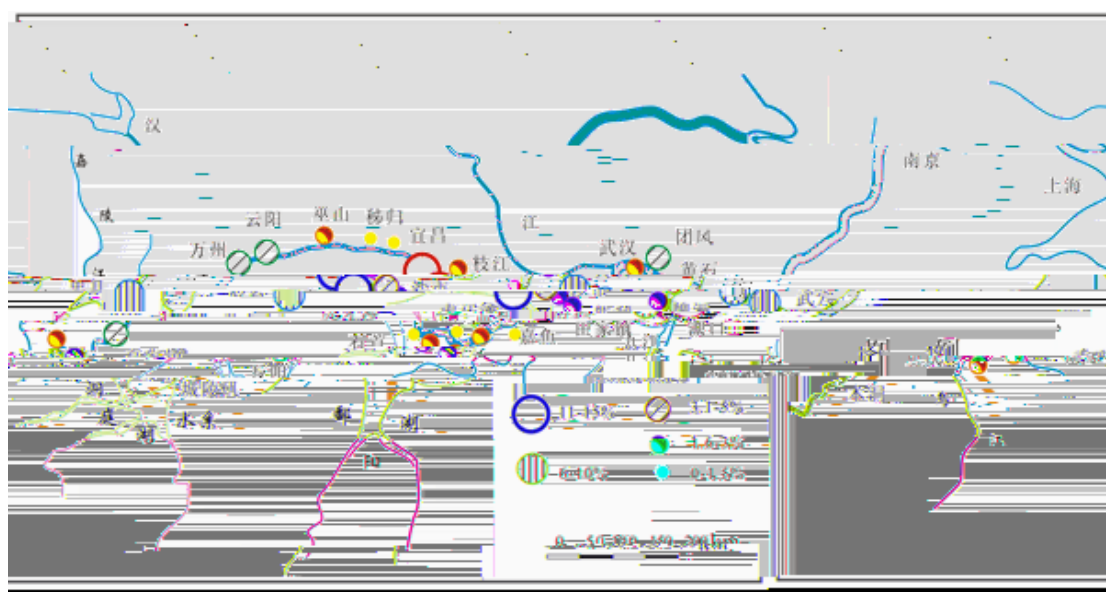
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 $\mathfrak{u}$ $\sim$ $\dot{\mathfrak{i}}$ $\mathfrak{h}$ $\hat{\mathbf{A}}$
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 $\mathfrak{a} \mathfrak{U}$ $\mathfrak{a}$ $\mathfrak{a}$ $\mathfrak{a}$ γ $\mathfrak{u}$ $\sim$ $\dot{\mathfrak{i}}$ $\mathfrak{z}$ $\mathfrak{u}$
 $\mathfrak{N}_0$ $\mathfrak{N}_0$ $\hat{\mathbf{A}}$ $\mathfrak{z}$ $\sim$ $\mathfrak{Y}$ $\sim$ $\mathfrak{u}$ $\mathfrak{u}$

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11 $\gamma \mathfrak{X}$ $\mathfrak{Y}$ $\sim$ β $\gamma \sim$ $\mathfrak{u}$ $\sim$ $\mathfrak{z}$ γ
 $\mathfrak{u}$ $\sim$ $\mathfrak{u}$ $\hat{\mathbf{A}}$ $\mathfrak{h}$ $\mathfrak{N}_0$
 $\sim$ $\mathfrak{N}_0$ $\mathfrak{b}$ $\sim$ $\mathfrak{P}$ $\mathfrak{r} \hat{\mathbf{A}}$ $\mathfrak{e} \gamma$ $\mathfrak{N}_0$
 $\hat{\mathbf{A}}$
 $\mathfrak{z}$ $\sim$ $\mathfrak{e} \gamma$ $-$ $\mathfrak{u}$ $\sim$ $\mathfrak{a}$
 $\mathfrak{a}$ $\hat{\mathbf{A}}$ $\gamma \beta$ “ $-$ ” $\mathfrak{u}$ $\mathfrak{Y}$
 2.65km $\sim$ $\mathfrak{b}$ “ $-$ ” $\mathfrak{u}$ $\hat{\mathbf{A}}$
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RhinogobiocylindricusGünther

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Coiliabrachygnathus KreyenbergerPappenheim

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3.98km 12 4 “ ” 4 12 1986 21km 2.65km 2009 4 28 [2009]34 63 4 1 6 30 115°3'46"~115°16'40" 30°08'35"~30°15'52" 26.5 115°16'03"E 30°08'35"N 115°15'23"E 30°9'14"N 115°11'56"E 30°11'57"N 115°10'19"E

30°08'56"N $\hat{A}$ h Ψ $\ddot{a}$ $\ddot{a}$ $\ddot{a}$ $\ddot{u}$ $\dot{t}^{\text{ap}}$ Ψ $\sim$ γ $\ddot{u}$

$\dot{t}$ $\ddot{u}$ $\dot{t}$ $\hat{A}$

ap γ γ $\dot{t}$ E $\ddot{u}$ $\dot{t}$ Ψ h $\sim$

ap Ψ $\ddot{a}$ $\ddot{a}$ $\ddot{a}$ $\ddot{u}$ $\dot{t}$ $\sim$ $\mathfrak{z}$ $\sim$

$\mathfrak{b}$ N_0 $\gamma^{\sim}$ $\mathfrak{z}$ $\sim$

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$\sim$ $\ddot{u}$ $\mathfrak{b}$ $\sim$ γ $\mathfrak{z},\mathfrak{z}$ N_0 Ψ γ $\gamma^{\sim}$ $\sim$

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Ψ 8.15km $\sim$ E γ $\mathfrak{b}$ ap

γ $\hat{A}$

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$\wedge$ $\sim$ γ Ψ II $\sim$ 2017-2019 Ψ II $\sim$ $\sim$

γ $\sim$ $\hat{A}$

β $\mathfrak{b}$ $\mathfrak{z}$ $\gamma^{\sim}$ $\wedge$ $\sim$ Ψ 17.72km $\sim$

$\hat{A}$

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5.1.2 И

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$$L_{TP} = 10 \lg \frac{1}{T} t_i 10^{0.1L_{Pi}}$$

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| 5.1-1 | dB € A S | | | | | | | | |
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| 15 | 50 | 100 | 150 | 200 | 300 | 400 | 500 | 600 | |
| 101 | 90.5 | 84.5 | 81.0 | 78.5 | 75.0 | 72.5 | 70.5 | 69.0 | |
| 84 | 73.5 | 67.5 | 64.0 | 61.5 | 58.0 | 55.5 | 53.5 | 52.0 | |
| 80 | 69.5 | 63.5 | 60.0 | 57.5 | 54.0 | 51.5 | 49.5 | 48.0 | |

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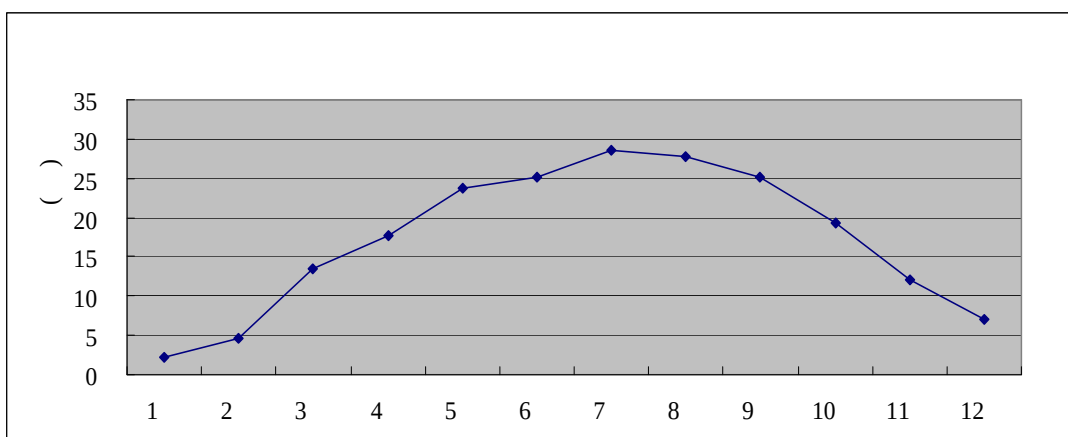
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5.1.5.1

$\hat{1} \sim 1$ 1
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 $\sim$ $\gamma \tilde{u}$ $'$ $\tilde{a}$ $\sim$ E
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 N_0 $\sim F$ γ $\tilde{a}$ $\Psi h \sim \Psi$
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 Δ $\hat{A}$
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 $\sim$ $\sim \tilde{z}$
 $\tilde{a}$ $\gamma \tilde{b} \tilde{z}$ $\tilde{a} \tilde{b} \tilde{z}$ h $\sim$ $\tilde{z}$ $\hat{A}$
 $\hat{2} \sim$ $\sim$
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 $\tilde{z}$ $\hat{A}$ N_0 $\sim$ $\sim$
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 $\hat{3} \sim$ $\sim$
 $E \gamma$ $\sim$ $\sim \gamma$ h h γ $\tilde{a}$ $\tilde{a}$
 $\hat{A}$ $\sim$ h $'$ $\sim$ $'$ $\tilde{a}$ $\tilde{a}$ $'$
 $\Psi \tilde{a}$ $\hat{A}$ $\tilde{a} \succ \tilde{a}$ $\tilde{a}$
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 $E \gamma$ 1 $\tilde{b} \sim Q$ $E \gamma$ $\sim$
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 $\mathbb{B}^\sim$ ${}_1 \mathbb{X}$ $\sim$
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 $\mathbb{X}$ $\mathbb{I}$ $\sim$ $\sim$
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 $\hat{\mathbb{A}}$ $5^\sim$ $\mathbb{N}_0$
 $\mathbb{I}$ ∞ $\mathbb{H}$ $\mathbb{U}$ $\mathbb{U}$ $\mathbb{X}$ $\sim$ $\mathbb{B}$ $\mathbb{Z}$
 $\mathbb{U}$ $\hat{\mathbb{A}}$ $\mathbb{I}$ ∞ $\hat{\mathbb{A}}$
 $\mathbb{I}$ $\mathbb{U}$ $\sim$ $\mathbb{U}$ $\sim$ $\mathbb{H}$ $\mathbb{U}$
 $\mathbb{A}$ $\hat{\mathbb{A}}$ $\hat{\mathbb{A}}$ $\sim$ $\mathbb{I}$ $\mathbb{U}$ $\mathbb{L}$
 $\mathbb{H}$ $8m$ $\sim$ $\mathbb{B}$ $\sim$ ∞ $\hat{\mathbb{A}}$ $\mathbb{F}$
 $\dot{\mathbb{I}}$ $\sim$ $h\nu$ $\sim$ ${}_1$
 $\mathbb{X}$ $\mathbb{H}$ $\mathbb{I}$ $\mathbb{I}$ $\hat{\mathbb{A}}$
 $\mathbb{H}$ $\mathbb{X}$ $\mathbb{I}$ $\sim$ $\mathbb{H}$ $\mathbb{L}$ $\sim$
 ${}_1$ $\sim$ $\mathbb{X}$ $\sim$ $\mathbb{X}$ $\mathbb{U}$ $0.5m^\sim$
 $\mathbb{I}$ $\mathbb{I}$ $\mathbb{I}$ $\mathbb{X}$ ∞ $\hat{\mathbb{A}}$
5.1.5.2
 $\mathbb{H}$ $\mathbb{U}$ $\sim$ $\mathbb{X}$ $\mathbb{I}$
 ${}_1$ $\sim$ $\mathbb{Z}$ ${}_1$ $\sim$ $\mathbb{I}$
 $\sim$ $\mathbb{U}$ $\hat{\mathbb{A}}$ $\mathbb{Z}$ $\sim$ $\dot{\mathbb{I}}$
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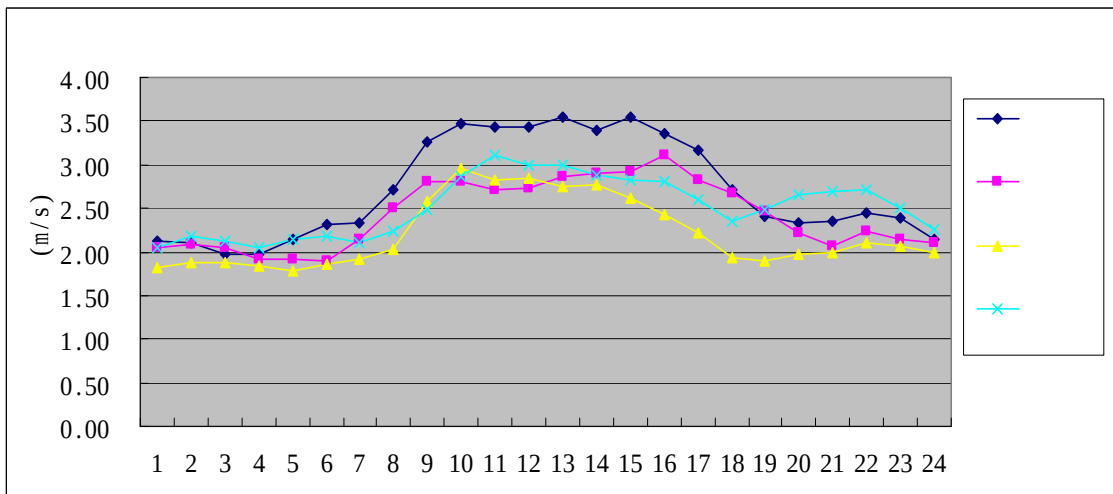
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| $\frac{\hat{h}}{\hat{h}} \frac{\tilde{h}}{m/s}$ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|------|------|------|------|------|------|------|------|------|------|------|------|
| | 2.13 | 2.10 | 1.98 | 1.98 | 2.15 | 2.32 | 2.33 | 2.72 | 3.27 | 3.47 | 3.43 | 3.43 |
| | 2.05 | 2.08 | 2.05 | 1.91 | 1.91 | 1.89 | 2.15 | 2.50 | 2.81 | 2.81 | 2.72 | 2.73 |
| | 1.82 | 1.87 | 1.87 | 1.84 | 1.79 | 1.85 | 1.91 | 2.03 | 2.57 | 2.96 | 2.82 | 2.84 |
| | 2.05 | 2.18 | 2.12 | 2.05 | 2.14 | 2.18 | 2.11 | 2.23 | 2.48 | 2.86 | 3.10 | 2.99 |
| $\frac{\hat{h}}{\hat{h}} \frac{\tilde{h}}{m/s}$ | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| | 3.54 | 3.39 | 3.55 | 3.36 | 3.17 | 2.72 | 2.41 | 2.34 | 2.36 | 2.45 | 2.38 | 2.15 |
| | 2.86 | 2.90 | 2.91 | 3.11 | 2.83 | 2.68 | 2.46 | 2.22 | 2.07 | 2.24 | 2.14 | 2.10 |
| | 2.74 | 2.77 | 2.62 | 2.43 | 2.22 | 1.94 | 1.90 | 1.98 | 1.99 | 2.10 | 2.06 | 1.99 |
| | 2.99 | 2.88 | 2.82 | 2.81 | 2.59 | 2.36 | 2.48 | 2.66 | 2.69 | 2.71 | 2.51 | 2.25 |



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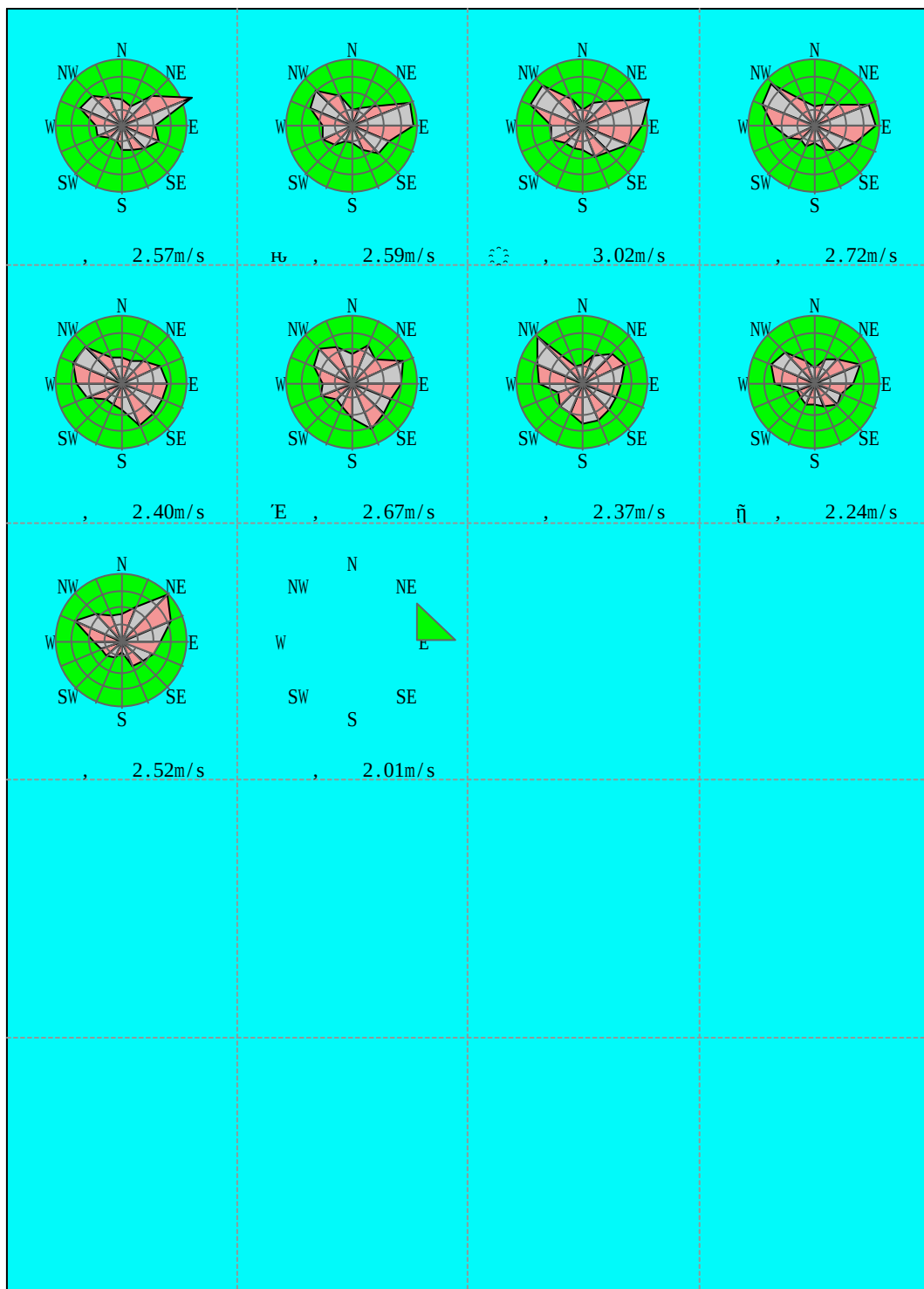
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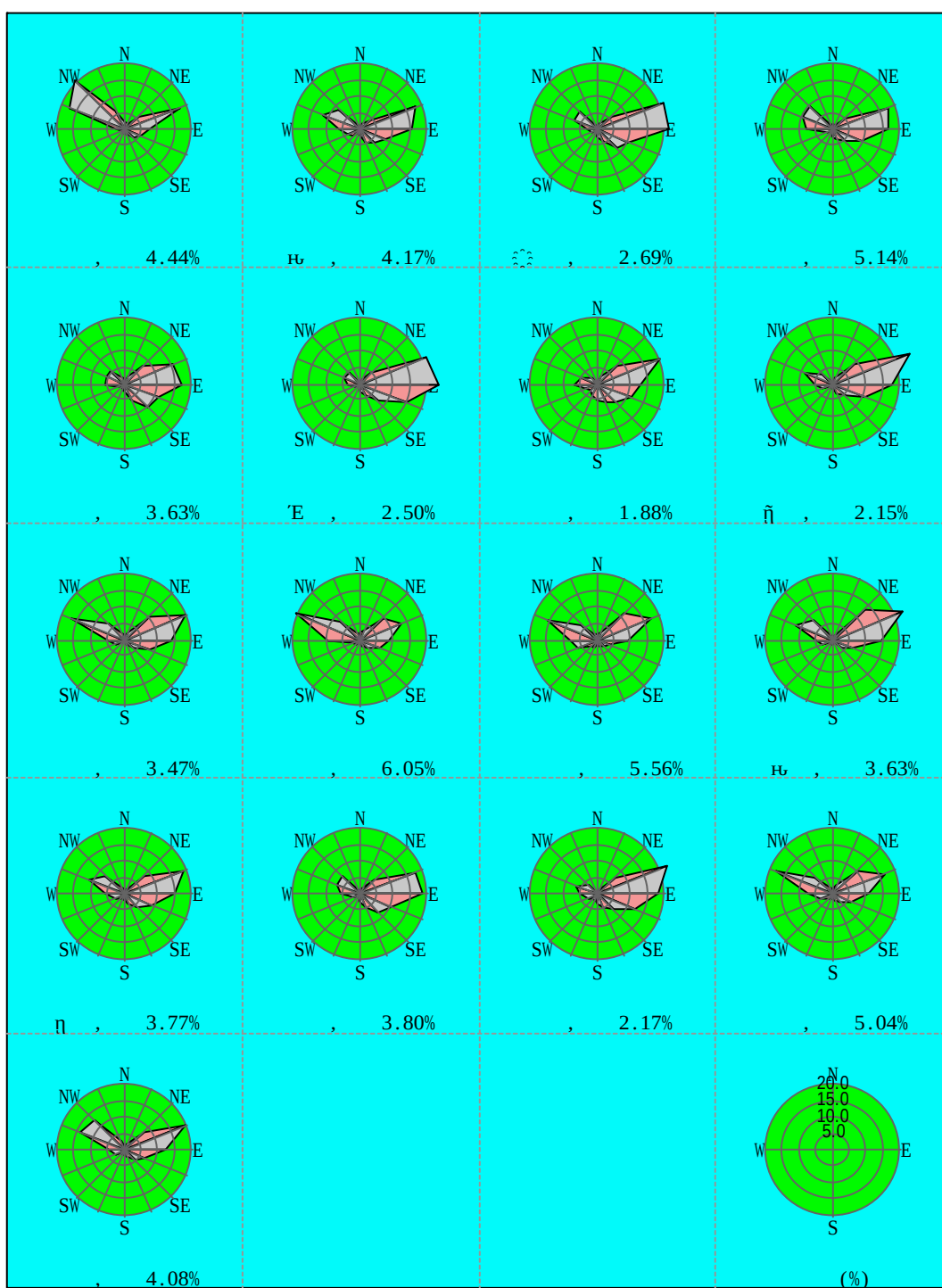
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|---|------|------|-------|-------|-------|-------|------|------|------|------|------|------|------|-------|------|------|------|
| | 1.94 | 1.67 | 5 | 17.36 | 16.25 | 9.31 | 4.86 | 3.19 | 2.36 | 1.25 | 0.97 | 1.94 | 7.78 | 9.86 | 9.72 | 1.39 | 5.14 |
| | 0.94 | 2.69 | 7.66 | 15.05 | 16.94 | 10.48 | 9.68 | 5.38 | 2.55 | 1.88 | 1.21 | 2.55 | 5.91 | 5.51 | 5.91 | 2.02 | 3.63 |
| E | 0.83 | 2.22 | 4.58 | 20.97 | 22.78 | 14.58 | 7.36 | 3.61 | 2.22 | 0.42 | 1.39 | 1.67 | 3.89 | 5.14 | 4.72 | 1.11 | 2.5 |
| | 0.27 | 2.28 | 7.93 | 20.03 | 12.77 | 10.75 | 7.66 | 6.18 | 4.97 | 3.49 | 2.69 | 3.9 | 6.59 | 5.38 | 2.42 | 0.81 | 1.88 |
| ñ | 0.67 | 1.88 | 8.87 | 24.6 | 17.2 | 9.95 | 4.97 | 3.09 | 1.21 | 1.34 | 1.48 | 3.23 | 5.24 | 9.01 | 4.3 | 0.81 | 2.15 |
| | 1.53 | 2.78 | 10.14 | 19.31 | 13.75 | 7.78 | 3.61 | 1.39 | 0.69 | 0.83 | 0.97 | 3.06 | 4.72 | 17.22 | 6.94 | 1.81 | 3.47 |
| | 2.28 | 3.09 | 9.41 | 12.77 | 8.47 | 6.05 | 3.09 | 2.02 | 1.48 | 1.08 | 1.75 | 2.55 | 9.54 | 20.56 | 7.93 | 1.88 | 6.05 |
| | 1.94 | 2.64 | 11.11 | 16.94 | 9.03 | 3.89 | 2.78 | 1.81 | 1.11 | 2.36 | 2.36 | 5.97 | 7.64 | 16.11 | 6.53 | 2.22 | 5.56 |

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| Углеродная концентрация, мг/м³ | Углеродная концентрация, мг/м³ | |
|--------------------------------|--------------------------------|--------------------------------|
| | Углеродная концентрация, мг/м³ | Углеродная концентрация, мг/м³ |
| 10 | 37.02 | 4.11 |
| 100 | 43.60 | 4.84 |
| 200 | 50.63 | 5.63 |
| 300 | 56.89 | 6.32 |
| 400 | 62.46 | 6.94 |
| 500 | 69.28 | 7.70 |
| 600 | 76.81 | 8.53 |
| 874 | 85.95 | 9.55 |
| 1000 | 82.08 | 9.12 |
| 2000 | 49.79 | 5.53 |
| 2500 | 38.29 | 4.25 |
| Углеродная концентрация, мг/м³ | 28.95 | 3.22 |
| D10% | / | / |

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Итого: 874м

и $85.95\mu\text{g}/\text{m}^3$ 1 и 9.55% $\hat{A}$

67

$$, \tilde{Y}_{\tilde{t}}^{\text{TSP}} \quad 1 \quad P_{\text{max}} \quad \Psi$$

9.55% 7 6 GB3095-2012 H₂

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5.1.2.3

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5.2-11~5.2-12 Å

| № | № | № | № | h | | | t/a~ |
|----|----|------|---|-----|------------------------|--------|-------|
| | | | | | г | μg/m³~ | |
| 1 | 1# | 1# β | | γ ã | GB16297-1996
г
г | 1000 | 0.43 |
| 2 | 2# | 2# β | | γ ã | | | 0.22 |
| 3 | 3# | 3# β | | γ ã | | | 0.397 |
| 4 | 4# | 4# β | | γ ã | | | 0.135 |
| 5 | 7# | 4# β | | γ ã | | | 0.135 |
| 6 | 5# | 1# | | + | | | 0.1 |
| 7 | 6# | 2# | | + | | | 0.048 |
| 8 | 7# | 3# | | + | | | 0.108 |
| 9 | 8# | 4# | | + | | | 0.054 |
| 10 | 9# | 7# | | + | | | 0.054 |
| г | | | | | | | 1.681 |

5.2-12

| n | $\hat{t}/a$ |
|-----|-------------|
| 1 | 1.681 |

$$\hat{A}$$
 $\hat{2}^{\sim}$

| | | | |
|-------------------|---|---------------------|--|
| | ê L | ÿ GB/T13201-91~ 7.4 | |
| Ω | 3 à 3 | ÿ | |
| | $\frac{Q_e}{C_m} = \frac{1}{A} BL^c = 0.25r^{2.05} L^D$ | | |
| | ‘ Cm | ‘ mg/m ³ | |
| L | 3 3 | ‘ m’ | |
| r | | “ mÂ “ 1 S | |
| ^ m ^{2~} | | | |
| Qe | 3 3 | ÿ ÿ L ‘ kg/h’ | |
| A à B à C à D | | ‘ ‘ 3 3 1 | |
| ü | 3 3 | ÿ GB/T13201-91 ê L | |
| ÿ | 7 | 5 5 Â | |
| | | 5.2-13 Â | |
| | 5.2-13 | | |
| β | S m ^{2~} | | |

5.2.2

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 ^ 2~ ¢ || à
 ¢ || ° ¢ 3108m³/a ¢ 1859.09m³/a ||
 h ¢ ~ ¢ Ĩ 1
 ~ ì 1# ¤ ~ ¢
 20m³ ~ 2 # à 3 # à 4# à 7# ~ β ± ~ ŭ
 ~ ¤ 2 # à 3 # à 4# à 7# ¢ Ĩ № ¢ 25 m³ à
 30 m³ à 22 m³ à 25 m³ ~ || Ĩ
 ~ √ √ ∴ ¤ ¤ ~
 ~ ¤ ê Ħ Ĩ^ GB/T18920-2002~
 ¤ ° Â
 ^ 3~
 ¢ 3767.2m³/a ¢ 4352m³/a Â ê
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$L_0/3 < r < L_0$ 及 $L_0/3 < r_0 < L_0$ 时, $A \approx 15'$
 r/L : 4 4 时 A 10~20 4 时 $\hat{A}$
 ΔL — 时 时 时 时 10 $\hat{A}$
 $\hat{\theta}$ 时 时 4 200m 时
 200m 时 时 $\hat{A}$ 时 200m 时 时 2
 5.2-14 $\hat{A}$

| 5.2-14 | | F 5 | | | | | | | dB € A S | |
|--------|------|------|-------|------|------|-------|------|-------|----------|--|
| 1 | | | | | | | | | | |
| | 10m | 20m | 32m | 50m | 80m | 100m | 150m | 200m | | |
| | 55 | 52 | 50 | 48 | 46 | 45 | 43.2 | 42.0 | | |
| | 52.7 | 49.7 | 47.89 | 44.8 | 43.7 | 42.66 | 41 | 39.65 | | |

时 时 时 时 200m
 时 时 42.0dB A 时 200m 4
 时 $\hat{A}$

5.2.4

5.2.5.7

1010m γ γ 340m γ $\hat{A}$ Δ N_0 1 1

$$\quad \quad \quad h \quad \hat{A}$$
$$\begin{array}{ccccccc} \begin{array}{c} \text{C}_6\text{H}_5 \\ \text{C}_6\text{H}_5 \\ \text{C}_6\text{H}_5 \\ \text{C}_6\text{H}_5 \\ \text{C}_6\text{H}_5 \\ \text{C}_6\text{H}_5 \end{array} & \text{C} & \text{N}_2 & \text{C}_6\text{H}_5 & \text{C}_6\text{H}_5 & \text{C}_6\text{H}_5 & \text{C}_6\text{H}_5 \end{array}$$

5.2.7.2

$$\mathbb{L} \quad \mathbb{H} \quad \mathbb{I} \quad \mathbb{J} \quad \mathbb{K} \quad \mathbb{L} \quad \mathbb{M} \quad \mathbb{N} \quad \mathbb{O} \quad \mathbb{P} \quad \mathbb{Q} \quad \mathbb{R} \quad \mathbb{S} \quad \mathbb{T} \quad \mathbb{U} \quad \mathbb{V} \quad \mathbb{W} \quad \mathbb{X} \quad \mathbb{Y} \quad \mathbb{Z}$$

$\varphi = 1.15^\circ$ $\varphi = 1.5^\circ$ $\beta = 420\text{m}$ $\gamma = 420\text{m}$

$$\gamma \quad \text{и } -2.6\text{см} \quad \beta \quad \gamma \quad \text{и } 450\text{м} \quad \gamma \quad \hat{A} \quad \gamma$$

0.35m/s' 0.07m/s'

Δ

 1140m à Ў
 1170m

520m 7 A

$$\tilde{\Delta} = 1 - \frac{\tilde{b}}{\beta}$$
$$\hat{A} \quad \text{ĩ} \quad \mathfrak{b} \quad \quad \quad \mathfrak{a}\mathfrak{p} \quad \quad \quad \mathfrak{b} \quad \quad \hat{A}$$

5.2.7.3

E ê 1 1 lu D

$$E \quad \ddot{I} \quad \approx \quad N_0 \quad \hat{A}$$
$$\hat{1}^{\sim} \quad \beta \quad \check{\mathfrak{Y}} \quad \mathfrak{S}_{\mathfrak{S}}^{\mathfrak{S}} \quad \wedge \quad 852.8$$
[illegible] $\hat{A}$ [illegible]
$$\gamma \beta \quad \beta \#2 \text{ à } \#3 \quad \beta \quad 1$$

N₀ h ˘ F Ÿ ä ˘ Â

$$\hat{3} \quad \mathbb{D} \quad \hat{1} \quad \mathbb{D} \quad \hat{A} \quad \mathbb{D}$$
$$\mathbb{D} \quad \quad \quad \vdash \quad \hat{A}$$

5.2.7.4

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|---|---|-----|----|---|
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$$\hat{z}_F \hat{A}$$

η β

$$\gamma \quad \beta$$

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$$\eta \quad \hat{A} \quad L$$

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6 Б И

6.1 И

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 H h q H Â
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 ^ 1~ 7 h H ~ No ä
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 E ↓ Ì^ HJ169-2018~ q ~ ä No X ~
 F ö ~ q = ~
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6.2 И

6.2.1

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 ê E Ì^ 7 Й “ ”~ ~ E 6 E
 ~ , 1 E 7 ö 1 No Â
 X ö 1 q F Â

6.2.2 И

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 ^ HJ169-2018~ ~ 2 3 ~ Д ~ Ъ ö ä 1 1

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' D— ^ m~ ' $D = 356.8V^{3/8}$
 g— ^ m/s² ~ 3̃ $\ddot{O} \square \P$

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|----|-------|--------|----------|-------|-------|
| 16 | 6692 | 406.37 | 129700.2 | 0.717 | 13825 |
| 17 | 7000 | 420.91 | 139143.3 | 0.669 | 14461 |
| 18 | 9100 | 508.98 | 203359.1 | 0.978 | 18804 |
| 19 | 12000 | 630.59 | 312310.9 | 0.298 | 24781 |

$$\hat{A} \quad \Psi^*$$

6.7.1.3

| | | | | | | | | | |
|---------|-------|-------|----------|-----------|----------|-------|-------------|----------|-----------|
| ^ | 1~ | | 1.7m/s~ | | U N_0 | ч | 2.6m/s à SE | д Й~ | |
| ' | | г | 17 N_0 γ | ч | | | ~ г 17 N_0 | 1 | 51 N_0 32 |
| ч | | | ~ г 1 | 51 N_0 32 | 15 | | 5 N_0 24 | ч | |
| ~ | 15 | | 5 N_0 24 | Δ~ | б | ~ | | | ч 0.3mm~ |
| | | | | | 0.05mg/l | | е | Â | |
| ^ | 2~ | | 93.5t | H_0 | ~ 23 N_0 | Й | 3km | ~ | 270m~ |
| | | | 1960m~ | б | | Д ' | ~ | 66 N_0 | |
| | | Д '~ | 75 N_0 | | H_0 | | г | ~ 83 N_0 | |
| H_0 | | Д '~ | Â | Й | | Д '~ | H_0 | Д '~ | |
| 1m γ Й~ | | Д | б | h | | Д '~ | ~ | | ì |
| | | Â | | | | | | | |
| ^ | 3~ | | H_0 | ~ | ö | | | h | У ~ |
| | | L | У Й | ~ | | Й Д ' | | | Â |
| ^ | 4~ ч | | ~ | H' | | ~ | | H_0 | Â |
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| ~ | Д H_0 | | ~ γ | H_0 | Â | | | | |

6.7.2

96hLC50 0.5 3.0mg/L

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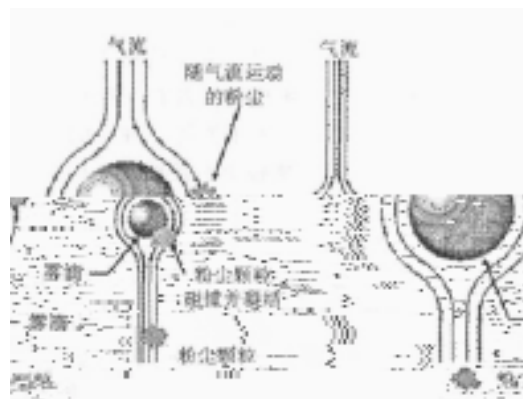
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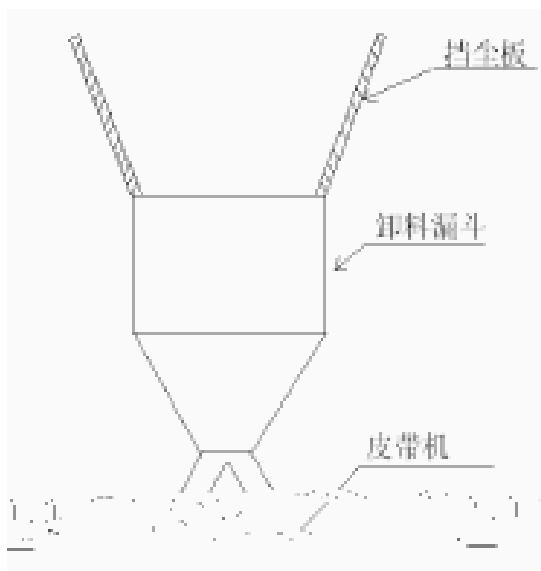
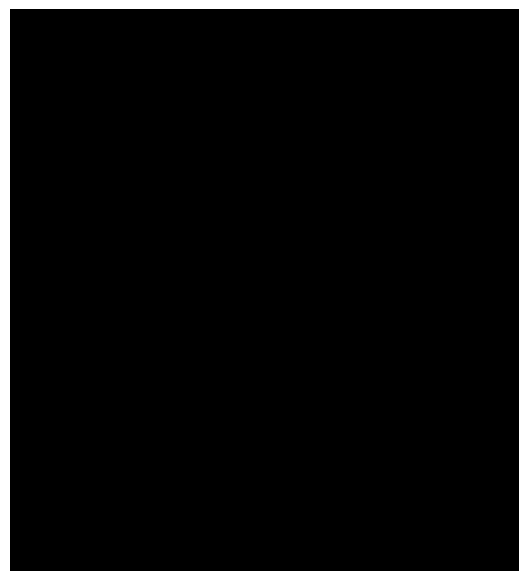
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| ~ β | Й | ᳵᳶ | ~ Й | ’ | | 853km√ | | | | | | |
| κ | 115°26’30”√ | π | 29°53’30” √ | ∧ | 2004 | ~ 1 | | | | | | |
| 1303m√ | γ | β 5 | ~ № | ¶’ 5000 | ¶’ | β 1 | ’ 1000 | | | | | |
| | ¶’ | β | ’ 1000 | | ¶’ | β | ’ 1000 | | | | | |
| β 1 | ^ √ | √ | ~ ’ 1000 | ’ | β 1 | ~ | ¶ | | | | | |
| 680 | / | ∧ ¶ | √ | ^ | ~ | ‘E _н | √ | 5 | | | | |
| β | ä 2 | ᳵ | β | ä 1 | ᳶ | β | ᳵ ᳶ | ~ | ᳶ 5000 | ~ | ᳶ | |
| β | ¶ 5000 | ^ | | | | 10000 | | ~ | ~ | ᳶ | ᳶ 1360 | ~ |
| ¶ | ä | ᳶ | ä | ä | | ä | ä | ᳶ | ∧ | | | 42339.69 |
| ~ | ᳶ | | 213 | ∧ | | | | | | | | |

11.2 ج

[illegible]

11.3.1

2020

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TSP

GB3095-2012

2018

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11.3.2

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1500m

GB3838-2002

11.3.3

GB3096-2008

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A

11.3.4

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1 8 44 111 ~ 1 4 H~ i 4 ~ P
 4 ~ i , a a a a A
 18 81 157 ~ i 25 74 ' 27 52 ' 10
 9 13 A 23 ~ E 1 H No 6 1~
 6 A 1 a 4 H~ 7 A
 14 A i 1 4 H~ 34 ~ 1 55.7% 7 ~ 1 11.5%

i A

^ 2~

E 1 ~ 1 a a K a K a
 K a 4 H~ ' b 1 a a a 4 H~ 1 h 4
 I 6 T A

11.4 И

11.4.1

11.4.1.1

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 1 1 1 a a
 a L ~ L 1 6 6 A
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11.4.1.2

h I a 1 a

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 11.4.1.5

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GB16297-1996~

1.0mg/m³

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X~

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 ν $\hat{\sim}$ $\sim$ E_{π} η $\sim$ η $\sim$
 η $\sim$ η β $\sim$ η
 ε $\hat{e}$ η π $\tilde{I}$ $\tilde{U}$ $\hat{i}$ $\tilde{\gamma}$ $\hat{A}$ $\hat{a}$
 $\tilde{Y}$ $\hat{A}$

11.4.2.5

$\tilde{X}$ $\mathfrak{b}$ 1 $\sim$
 μ $\mathfrak{b}$ $\hat{A}$
 Ψ $\sim$ $\sim$ 1 1 Ψ η
 $\sim$ $\hat{A}$ $\mathfrak{b}$ ∞ η γ $\tilde{U}$ H $\sim$
 $\sim$ $\tilde{I}$ $\mathfrak{b}$ $\mathfrak{z}$ $\hat{A}$
 H $\hat{a}$ $\hat{a}$ $\sim$
 $\mathfrak{b}$ $\hat{A}$ γ Ψ $\sim$ $\mathfrak{b}$ $\tilde{U}$ $\hat{A}$
 H ε H $\mathfrak{z}$ $\sim$ $\mathfrak{b}$ $\hat{\sim}$ $\mathfrak{b}$ $\mathfrak{z}$ $\sim$
 H γ $\hat{A}$ H $\sim$ η μ $\sim$ $\mathfrak{D}$
 H $\sim$ L H $\sim$ γ H $\hat{A}$
 $\sim$ H $\sim$ $69\sim 95\text{dB}$ $A\sim$ $\sim$ $\mathfrak{b}$
 γ δ $\mathfrak{F}$ $\mathfrak{D}$ $\sim$ 110dB $A\sim$ $\sim$ $\sim$
 $\mathfrak{b}$ $\hat{A}$

11.5 И

Ψ $\sim$ $\sim$ H $\hat{a}$ $\hat{a}$ $\hat{a}$ $\hat{a}$ $\hat{a}$
 $\sim$ $\mathfrak{b}$ $\tilde{U}$ η 1 $\hat{A}$ H Ψ $\hat{a}$
 $\sim$ γ $\hat{a}$ η $\sim$ Ψ 97.35t $\sim$ $\hat{e}$
 E $\uparrow^{\sim}\tilde{I}$ $HJ169\text{—}2018^{\sim\sim}$ $\mathfrak{b}$ $Q=0.23$
 $\sim$ $\mathfrak{F}$ $\sim$ E $\mathfrak{b}$ Ψ “ E ” $\hat{A}$
 $\hat{a}$ N_0 $\hat{a}$ γ H $\tilde{U}$ N_0 $\sim$ H $\mathfrak{D}$ E $\mathfrak{F}$ $\mathfrak{D}$
 $\hat{a}$ L $\tilde{Y}$

