

WMAP Cosmological Parameters

Model: wcdm+mnu

Data: wmap9+spt+act+h0

$10^9 \Delta_{\mathcal{R}}^2$	2.61 ± 0.12	H_0	73.6 ± 2.4 km/s/Mpc
$A_{\text{clustered}}$	< 12 (95% CL)	$A_{\text{Poisson}}^{\text{ACT}}$	14.0 ± 2.6
$A_{\text{Poisson}}^{\text{SPT}}$	> 15 (95% CL)	$\ell(\ell+1)C_{220}/(2\pi)$	5759 ± 34 μK^2
$d_A(z_{\text{eq}})$	14075_{-111}^{+110} Mpc	$d_A(z_*)$	13909_{-112}^{+111} Mpc
$D_v(z=0.57)/r_s(z_d)$	$14.22_{-0.58}^{+0.55}$	η	$(5.93 \pm 0.12) \times 10^{-10}$
k_{eq}	0.01027 ± 0.00029	ℓ_{eq}	$142.8_{-3.1}^{+3.0}$
ℓ_*	$302.06_{-0.43}^{+0.44}$	$\sum m_\nu$	< 1.5 eV (95% CL)
n_b	$(2.436_{-0.047}^{+0.048}) \times 10^{-7}$ cm^{-3}	n_s	0.944 ± 0.013
Ω_b	0.0401 ± 0.0027	$\Omega_b h^2$	$0.02169_{-0.00042}^{+0.00043}$
Ω_c	0.220 ± 0.016	$\Omega_c h^2$	0.1187 ± 0.0041
Ω_Λ	0.722 ± 0.022	Ω_m	0.278 ± 0.022
$\Omega_m h^2$	$0.1505_{-0.0072}^{+0.0068}$	$\Omega_\nu h^2$	< 0.016 (95% CL)
$r_s(z_d)$	$151.4_{-1.2}^{+1.1}$ Mpc	$r_s(z_d)/D_v(z=0.106)$	$0.346_{-0.011}^{+0.012}$
$r_s(z_d)/D_v(z=0.2)$	$0.1835_{-0.0069}^{+0.0071}$	$r_s(z_d)/D_v(z=0.35)$	$0.1074_{-0.0045}^{+0.0046}$
$r_s(z_d)/D_v(z=0.44)$	$0.0875_{-0.0036}^{+0.0038}$	$r_s(z_d)/D_v(z=0.54)$	$0.0736_{-0.0029}^{+0.0031}$
$r_s(z_d)/D_v(z=0.57)$	$0.0704_{-0.0027}^{+0.0029}$	$r_s(z_d)/D_v(z=0.6)$	$0.0676_{-0.0026}^{+0.0027}$
$r_s(z_d)/D_v(z=0.73)$	$0.0583_{-0.0020}^{+0.0021}$	$r_s(z_*)$	144.7 ± 1.1
R	$1.799_{-0.030}^{+0.028}$	σ_8	0.748 ± 0.049
$\sigma_8 \Omega_m^{0.5}$	0.394 ± 0.022	$\sigma_8 \Omega_m^{0.6}$	0.347 ± 0.020
A_{SZ}	< 1.3 (95% CL)	t_0	$14.10_{-0.18}^{+0.17}$ Gyr
τ	0.081 ± 0.013	θ_*	0.010401 ± 0.000015
θ_*	$0.59592_{-0.00087}^{+0.00085}$ $^\circ$	τ_{rec}	$280.6_{-2.4}^{+2.5}$
t_{reion}	436_{-65}^{+64} Myr	t_*	369905_{-4332}^{+4429} yr
w	< -1.2 (95% CL)	z_d	$1018.94_{-0.90}^{+0.89}$
z_{eq}	3359 ± 94	z_{rec}	$1089.74_{-0.89}^{+0.88}$
z_{reion}	10.5 ± 1.1	z_*	1092.69 ± 0.85